

CLINICAL CONGRESS | 2014 PROGRAM

October 26–30, 2014 | Moscone Center | San Francisco, CA



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Dear Colleagues,

On behalf of the Program Committee and the Division of Education, we would like to warmly welcome you to the 2014 Clinical Congress of the American College of Surgeons (ACS). The Clinical Congress remains the premier annual educational meeting for surgeons and continues to offer a spectrum of stellar educational opportunities that are firmly grounded in principles of contemporary surgical education and continuous professional development. Our goal is to continually introduce innovations in the Clinical Congress Program to meet the evolving needs of practicing surgeons, surgery residents, medical students, and members of the surgical team.



Dr. Rusch



Dr. Sachdeva

The 2014 Clinical Congress program is once again organized into tracks, and a variety of sessions are included in these tracks. The 11 Named Lectures and 114 Panel Sessions will address a broad range of important topics that focus on the breadth of surgical practice and will include both clinical and nonclinical content. In addition, 15 Didactic Courses and 11 Skills Courses will be offered. Original scientific work will be presented at the Scientific Paper Sessions, Owen H. Wangenstein Surgical Forum Sessions, and Poster Presentation Sessions. The Program will also include 45 Meet-the-Expert Luncheons and 16 Town Hall Meetings. New features of the 2014 Clinical Congress Program include:

- Provision of Self-Assessment Credits for all Panel Sessions, Didactic and Skills Courses, and Video-Based Education Sessions, and a system for online evaluation of all sessions
- Enhancement of the Clinical Congress app
- Webcasts of all Panel Sessions and Didactic Courses
- Distribution of Panel Session slides to attendees after Clinical Congress
- Daily dissemination of Clinical Congress Program highlights to ACS Members
- Electronic publication of Abstracts of the Paper Sessions and Poster Presentations in the *Journal of the American College of Surgeons (JACS)*. As before, a *JACS* Supplement will include Abstracts from the Forum Sessions.

Continuing Medical Education (CME) Credits earned through participation in the Clinical Congress Program will be transferred seamlessly to the My CME Web pages for ACS Members. Individuals who participate in Didactic and Skills Courses will receive special certificates of verification based on the Division of Education's Five-Level Verification Program. In addition, special certificates will be awarded for designated sessions in Patient Safety, Ethics, Trauma/Critical Care, Palliative Care, and Pain Management.

We are extremely grateful to Members of the Clinical Congress Program Committee, Advisory Councils, Standing Committees, and Task Forces who have made outstanding contributions to the 2014 Clinical Congress Program. The Program should be of great value to attendees in addressing their specific learning needs and help in fulfilling requirements for Maintenance of Certification, credentialing, and privileging. We encourage you to take full advantage of this stellar educational opportunity and look forward to receiving your feedback regarding the Program's continued evolution.

Valerie W. Rusch, MD, FACS
Chair, Program Committee

Ajit K. Sachdeva, MD, FACS, FRCS
Director, Division of Education

Program Committee of the American College of Surgeons

The Program Committee is responsible for planning and implementing the continuing educational offerings of the College, primarily the Postgraduate Courses, sessions, and symposia at the annual Clinical Congress. In addition to its 13-member committee, more than 30 liaison members represent the various disciplines and groups in surgery.

CHAIR:

Valerie W. Rusch, MD, FACS, *New York, NY*

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Please note: As the official planning committee of the 2014 Clinical Congress Program, full disclosure of the Program Committee's financial relationships is available on page 187.

Contents

Alphabetical Program Guide	4
General Information	7
Guest Registration	14
Sessions-at-a-Glance by Day	15
2014 Track Schedule	24
Sessions-at-a-Glance by Track.	25
Sessions of Special Interest	35
Scientific Programs	43
Named Lectures	43
Postgraduate Courses	45
Meet-the-Expert Luncheons	65
Panel Sessions	68
Abstract Sessions	105
Scientific Papers	105
The Committee for the Forum on Fundamental Surgical Problems	114
Video-Based Education Sessions	143
Scientific Poster Presentations	158
Officers and Board of Regents of the American College of Surgeons	180
Board of Governors	182
Surgical Specialty Societies and Associations	186
American College of Surgeons Program Committee Disclosures	187
Speaker Disclosures	188
Committees	193
Index of Program Participants	207

ACS Staff Pledge to the Surgical Community

We affirm that the Clinical Congress is the premier educational and networking event in surgery. We will leverage our expertise to ensure its success and help the surgical community provide the best patient care. We will do this by continually improving the experience and exceeding your expectations.

Alphabetical Program Guide

ACS Division of Education Panel Sessions	75, 84, 92
ACS Section on Oral and Maxillofacial Surgery Panel Session	101
Advisory Council for Cardiothoracic Surgery Panel Sessions	72, 79, 81, 86, 103
Advisory Council for Colon and Rectal Surgery Panel Sessions	68, 73, 75, 76, 81, 87, 96, 104
Advisory Council for General Surgery Panel Sessions.	68, 70, 71, 73, 74, 76, 77, 78, 80, 81, 82, 83, 84, 88, 89, 91, 93, 94, 96, 97, 98, 99, 100, 103
Advisory Council for Gynecology and Obstetrics Panel Session	71
Advisory Council for Neurological Surgery Panel Sessions	87, 96
Advisory Council for Ophthalmic Surgery Panel Session	77
Advisory Council for Orthopaedic Surgery Panel Session	91
Advisory Council for Otolaryngology–Head and Neck Surgery Panel Sessions.	69, 75, 94, 99
Advisory Council for Pediatric Surgery Panel Sessions	84, 88, 92, 94
Advisory Council for Plastic and Maxillofacial Surgery Panel Sessions	69, 82, 94, 93
Advisory Council for Rural Surgery Panel Sessions.	71, 81, 89
Advisory Council for Urology Panel Sessions.	84, 96, 101
Advisory Council for Vascular Surgery Panel Sessions	83, 85, 93, 101
Advisory Councils for the Surgical Specialties Panel Sessions	70, 96, 98, 101, 104
Alliance for Clinical Trials in Oncology Panel Session.	79
American College of Surgeons History Group Panel Session	85
Annual Business Meeting of Members	41
Association of Program Directors in Surgery Panel Session.	84
Board of Governors	182
Commission on Cancer Panel Sessions	76, 77, 79, 81, 87, 97, 100
Committees	193
Convocation	35
Disclosures	187
Diversity Issues Panel Session	97
Division of Research and Optimal Patient Care Panel Session.	91
Emerging Surgical Technology and Education Panel Sessions.	69, 72, 81, 97, 101, 104
Ethics Panel Discussion	86
Excellence in Research Awards.	39
Federación Latinoamerica de Cirugía Panel Session	75
Forum on Fundamental Surgical Problems	114
Forum on Fundamental Surgical Problems Panel Sessions.	68, 69, 83, 89
Future Meetings	13
General Information	7
General Surgery Coding and Reimbursement Panel Sessions	74, 90
Geriatric Surgery Panel Session	94
Guest Registration	14
Health Information Technology Panel Session	74
Health Policy and Advocacy Group Panel Sessions.	71, 77, 102
International Relations Panel Sessions	77, 88, 95
Lectures, Named	
Charles G. Drake History of Surgery Lecture	43
Commission on Cancer Oncology Lecture	44
Distinguished Lecture of the International Society of Surgery	44
Ethics and Philosophy Lecture.	44

Excelsior Surgical Society Edward D. Churchill Lecture	44
Herand Abcarian Lecture	43
I. S. Ravdin Lecture in Basic Sciences	43
John H. Gibbon, Jr., Lecture	43
Martin Memorial Lecture	43
Olga M. Jonasson Lecture	44
Scudder Oration on Trauma	44
Letter from Dr. Sachdeva and Dr. Rusch	1
Medical Student Education Panel Sessions	79, 92
Medical Student Program	35, 37, 39
Meet-the-Expert Luncheons	65
National Ultrasound Facility Panel Sessions	73, 103
Officers and Board of Regents of the American College of Surgeons	180
Opening Ceremony	36
Operation Giving Back Panel Session	70
Paper Sessions (see “Scientific Papers”)	
Patient Education Panel Session	87
Perioperative Care Panel Sessions	80, 99
Posters of Exceptional Merit Presentation	39
Postgraduate Courses	45
SC01—Skills for Rural Surgeons: Advanced Endoscopic Techniques and Resource Utilization	46
SC02—Flexible Endoscopy for General Surgeons	46
SC03—Practical Applications of Ultrasonography in the Intensive Care Unit	47
SC04—Measurement and Analysis to Transform Surgical Care	48
SC05—Ultrasound for Pediatric Surgeons	48
SC06—Telemedicine: The Rapidly Expanding Field of Video-Based Telemedicine Health Care	49
SC07—Advanced Colonoscopy: New Techniques for Polypectomy and Advanced Intervention	49
SC08—Social Media for Surgeons (#SM4S)	50
SC09—Minimally Invasive Colorectal Surgery	50
SC10—Thyroid and Parathyroid Ultrasound	51
SC11—Humanitarian Surgery: Surgical Skills Training for the International Volunteer Surgeon	51
DC12—High-Risk Breast Cancer Management from A to Z	52
DC13—Robotic Surgery for Gastrointestinal Operations: Program Planning, Approaches, and Applications	53
DC14—Emergency General Surgery Update	54
DC15—Introduction to CPT, ICD-10-CM, and Evaluation and Management Coding: 2014 Basic Coding Workshop	55
DC16—Surgical Education: Principles and Practice	55
DC17—Mastering General Surgery Coding: Advanced Coding Workshop	56
DC18—General Surgery Review Course	57
DC19—Maintenance of Certification Review: Essentials for Surgical Specialties	58
DC20—How to Use ACS NSQIP,® TQIP,® CQIP, and SSR in Your Institution	58
DC21—Vascular Surgery for General Surgeons	59
DC22—Team-Based Care: Integrating Health Care Professionals into Surgical Practice	60
DC23—Reorganizing Care to Optimize Outcomes: How to Start an Enhanced Recover-after- Surgery Program at Your Hospital	61
DC24—Non-Technical Skills for Surgeons (NOTSS) in the Operating Room: Behaviors in High-Performing Teams	62
DC25—Annual Update in Surgical Critical Care	62
DC26—Contemporary Management of Common Anorectal Problems	63
Program Committee of the American College of Surgeons	2, 193

Program Committee Panel Sessions	75, 104
Program Participants, Index of	207
Resident and Associate Society Panel Session	80, 90
Resident and Associate Society Symposium	35
Resident Education Panel Sessions	75, 99
Rural Surgeons Open Forum and Oweida Scholarship Presentation	40
Scientific Papers	105
Bariatric Surgery	105
Cardiothoracic Surgery	112
Colon and Rectal Surgery I	108
Endocrine	105
General Surgery I; Miscellaneous	107
General Surgery II; Obstetric and Gynecology	113
Liver/Biliary Tract/Pancreas I	106
Liver/Biliary Tract/Pancreas II; Trauma Surgery II	112
Pediatric Surgery	112
Plastics and Maxillofacial Surgery; Orthopaedic Surgery	111
Quality, Outcomes, and Costs I; Surgical Humanitarian Outreach I	106
Quality, Outcomes, and Costs II; Surgical Humanitarian Outreach II	108
Quality, Outcomes, and Costs III; Surgical Humanitarian Outreach III	111
Surgical Education; Geriatric	108
Surgical Oncology I	107
Surgical Oncology II	111
Transplantation	109
Trauma Surgery I; Neurosurgery	109
Urology; Perioperative	110
Vascular Surgery	110
Scientific Poster Presentations	158
Scientific Programs	43
Sessions-at-a-Glance by Day	15
Sessions-at-a-Glance by Track	25
Sessions of Special Interest	35
Socioeconomic Issues Panel Session	70
Standing Committees of the American College of Surgeons	194
Surgery Resident Program	36
Surgical Forum Sessions	114
Surgical Forum Panel Session	114
Surgical Palliative Care Panel Sessions	73, 78
Surgical Research Committee Panel Sessions	68, 69, 102, 104
Surgical Specialty Societies and Associations	186
Town Hall Meetings	38, 40, 41, 42
Track Schedule	24
Trauma Panel Sessions	72, 73, 74, 76, 78, 86, 87, 88, 95, 96, 98, 99, 102
Video-Based Education Session	143
Women in Surgery Panel Sessions	78, 99, 103
Young Fellows Panel Sessions	74, 85, 92

General Information

Purpose

The Clinical Congress is a scientific and educational meeting that shall be held at the time and place of the Annual Business Meeting of the Members, and shall include the Convocation (*Bylaws*, American College of Surgeons (ACS), Article VIII, Section 3).

The purpose of the Clinical Congress is to keep ACS Members and interested non-Fellow physicians abreast of the current status of the art and science of surgery. To accomplish its purpose, the Clinical Congress offers a highly diversified program of continuing education in all specialties of surgery and in important fields of science, socioeconomics, and medical education. It holds the preeminent place among all College activities designed to raise the standards of surgical practice and improve the care of the surgical patient.

The entire program presented at this meeting includes physicians drawn from various specialties. The sessions are designed to present a variety of viewpoints on matters of particular interest to those for whom the session is primarily intended and to stress the need for understanding and cooperation among the specialties.

Objective

By the conclusion of the Clinical Congress, participants should gain and be able to apply the knowledge needed to improve their current practice, research, and care of surgical patients.

The ACS sponsors the Clinical Congress to promote advances in surgery and other areas of science. The information presented through the programs and exhibits is neither verified nor endorsed by the ACS. Presenters and exhibitors are solely responsible for content.

Registration Locations and Hours

An official registration badge is required for entrance to all sessions and exhibit hall. Registration location and hours are listed below.

Moscone Center, North Hall

Sunday, October 26 7:00 am – 6:00 pm
Monday, October 27 6:30 am – 5:00 pm
Tuesday, October 28 7:00 am – 4:00 pm
Wednesday, October 29 7:00 am – 4:00 pm
Thursday, October 30 7:00 – 10:00 am

Badge Designations

For rapid identification purposes, the badge colors and designations for this year's Clinical Congress are as follows:

Gold – Member

Includes the following categories:

Fellow
Retired Fellow
New Fellow
Associate Fellow
Resident Member
Medical Student Member
Affiliate

Green – Nonmember

Includes the following categories:

Resident nonmember
Guest physician
Medical student nonmember
Allied Health (hospital administrator, hospital purchasing agent, medical association personnel, physician assistant, technician, and other)
Nurse nonmember
PhD nonmember

Teal

Includes the following categories:

Guest registration
Press
Scientific exhibitor
Commercial press

Red

Technical exhibitors

Gray

Commercial representatives (manufacturer representatives, distributor, public relations firm, advertising representative, consultant, and potential exhibitors)

Blue

ACS staff

Postgraduate Courses and Fees

Admission to all Postgraduate Courses is by badge and ticket. Only registered meeting attendees may purchase Postgraduate Course tickets, which are sold in the registration area. A complete listing of courses can be found on pages 45–64. Seating capacities are limited; on-site ticket purchases are subject to availability. Available courses are posted in the registration area.

Tickets may only be exchanged before the start of a course and only for another Postgraduate Course. Meeting room assignments for Postgraduate Course are printed on the course ticket.

The ACS reserves the right to cancel any regularly scheduled session before the start of the meeting and assumes no responsibility for nonrefundable airlines

tickets and other travel costs. The ACS will make every effort to immediately notify registrants of a cancellation.

Accreditation

The ACS is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Continuing Medical Education (CME) Credit

The ACS designates this live activity for a maximum of 28.5* *AMA PRA Category 1 Credits*TM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

*A maximum of 19 *AMA PRA Category 1 Credits*TM can also be earned through completion of Meet-the-Expert Luncheons and weekend Postgraduate Courses.

New This Year at Clinical Congress 2014

Deadline for Claiming CME and Earning Self-Assessment Credit is December 1, 2014

Please note that the deadline for completing education credit requirements for Clinical Congress is December 1, 2014. A wide variety of opportunities to claim continuing medical education (CME) Credit and earn Self-Assessment Credit are listed below, including newly expanded self-assessment activities.

SESSION TYPE	OFFERS CME CREDIT	OFFERS SELF-ASSESSMENT CREDIT*
Named Lectures	X	N/A
Panel Sessions	X	X
Scientific Papers	X	N/A
Surgical Forum Sessions	X	N/A
Video-Based Education Sessions	X	X
Meet-the-Expert Luncheons	X	N/A
Poster Presentation of Exceptional Merit	X	N/A
Postgraduate Didactic Courses	X	X
Postgraduate Skills Courses	X	X
Town Hall Meetings	N/A	N/A

* The American Board of Surgery (ABS) recently changed the requirements for Part 2 of its Maintenance of Certification (MOC) program. Of the 90 CME Credits required every three years, 60 credits must be Self-Assessment Credits. Self-Assessment activities are required to assess understanding of the material presented in the CME program. A minimum score of 75% correct or higher must be achieved, with unlimited attempts.

Processes to Claim CME Credit and Earn Self-Assessment Credit

This year, the process for completing educational credit requirements must be done online, as detailed below.

PROCESS	TO CLAIM CME CREDIT	TO EARN SELF-ASSESSMENT CREDIT
The entire educational credit process must be completed online: <ul style="list-style-type: none"> Go to www.cme.facs.org. Use a kiosk in the Moscone Center or access offsite at your convenience. You will need your name badge with your REG ID number or ACS ID number. 	X	X
Complete each session evaluation.	X	X
Complete posttest and achieve a minimum score of 75% correct with unlimited attempts.	N/A	X
After attending your last activity at the Clinical Congress, complete Global Evaluation online no later than December 1, 2014 .	X	X
After the online Global Evaluation is completed, your certificate will be available online.**	X	X

** Except certain Postgraduate Courses

Session Evaluations, Posttests, and the Global Evaluation are Online

In order to earn and claim educational credit, physicians must go to www.cme.facs.org. Your name badge with the REG ID number or your ACS ID number will be needed. The individual session evaluations, and the posttests required for Self-Assessment Credit must be completed online. After you have completed your last activity at the Clinical Congress, the Global Evaluation must be completed online at www.cme.facs.org.

Online Access at Moscone Center

Session Evaluations and the Global Evaluation can be completed using kiosks located throughout Moscone Center. Assistance is available from ACS staff at the My CME Booth, at the location and hours listed below.

Global Evaluations

Completion of a Global Evaluation is required to claim CME Credit and earn Self-Assessment Credit, as well as generate a CME certificate. The Global Evaluation should be completed after you have attended your last activity at the Clinical Congress and must be completed by **December 1, 2014**.

Certificates

CME Certificates are available online following completion of the session evaluations and the Global Evaluation. Go to www.cme.facs.org at your convenience and log in using the REG ID number or ACS ID number on your name badge. You will be able to print the Clinical Congress 2014 Certificate, as well as a transcript of all sessions you have attended. A number of Postgraduate Courses have additional requirements that require verification following the conclusion of Clinical Congress. Please allow up to four to six weeks for notification to claim certificates for these courses. Certificates of Attendance are available online. For additional information, visit the My CME Booth located on the Concourse Level between the North and the South Buildings of the Moscone Center.

State Mandated Content

Content that may fulfill various state licensing requirements is listed below and after each session title.

Please check with your state or local medical board, hospital or organization to see if this content meets the criteria for your local requirements.

E = Ethics

PA = Palliative Care

PM = Pain Management

PtS = Patient Safety

T = Trauma/Critical Care

My CME Booth Hours

The My CME Booth is located on the Concourse Level of the Moscone Center between the North and South Buildings. Hours of operation are:

Sunday	7:00 am – 5:00 pm
Monday	7:00 am – 6:00 pm
Tuesday	7:00 am – 6:00 pm
Wednesday	7:00 am – 6:00 pm
Thursday	6:30 am – noon

For additional information on how to claim CME Credit or earn Self-Assessment Credit, read the instructions at www.cme.facs.org, call the My CME office after Clinical Congress at 866-918-4799 or 312-202-5430, or e-mail us at mycme@facs.org. Fellows and Associate Fellows can access their CME Certificates online at www.facs.org.

ACS Disclosure Policy

In accordance with the Accreditation Council for Continuing Medical Education Accreditation Criteria, the ACS must ensure that anyone in a position to control the content of the educational activity has disclosed all relevant financial relationships with any commercial interest. Members of the Program Committee were required to disclose all financial relationships, and speakers were required to disclose any financial relationship that is pertinent to the content of their presentations. All reported conflicts are managed by a designated official to ensure a bias-free presentation. However, if you perceive a bias during a session, please report the circumstances on the session evaluation form. Additional information regarding the ACS disclosure process and the complete disclosure list for this meeting can be found on page 187.

Acknowledgment

The ACS acknowledges the following companies for their assistance in providing an educational grant and/or the use of equipment during the Skills Course programs:

The following companies have provided the use of equipment during skills course programs:

Applied Medical Resources Corp., BK Medical, Boston Scientific, Cook Medical, Covidien, DePuy Synthes, Ethicon-Endo-Surgery, GE Healthcare, Hitachi Aloka Ultrasound, Ltd., Karl Storz, Kimberly-Clark, Minimally Invasive Devices, Inc., Olympus Corporation, Ovesco Endoscopy USA, Inc., Symbionix, Stryker, and Terason Ultrasound.

CompuLEAD Recording System

To expedite your visits with the exhibitors, the College continues to use the enhanced LEAD retrieval system that has been used in past years. If you want to receive information from a company, present your badge to the sales representative. The bar code that contains your contact information will be scanned through the data recorder and the exhibitor will have the information to instantly fill your request.

Fire and Safety

The ACS complies with all local, state, and federal safety regulations. The ACS reserves the right to limit attendance in sessions deemed unsafe by local fire and safety officers. In keeping with municipal codes, smoking is prohibited in public meeting facilities.

Initiates'/Fellows' Photography Studio

The studio will be located at the Moscone Center, North Hall, and will be accessible during the following hours:

Sunday, October 26 8:00 am – 9:00 pm
 Monday, October 27 8:00 am – 4:00 pm
 Tuesday, October 28 8:00 am – 4:00 pm
 Wednesday, October 29 8:00 am – 4:00 pm
 Thursday, October 30 8:00 am – 12:00 noon

Cell Phones/Pagers

As a courtesy to your colleagues, please silence cell phones and pagers while in the scientific session rooms.

Wi-Fi Information

Free Wi-Fi will be available in all of the public areas at the Moscone Center for basic browsing, checking e-mail.

Complimentary Internet is available in the lobby of the Hilton San Francisco Union Square, the headquarters hotel for the Clinical Congress.

Help and Information Kiosks

Help and Information kiosks will be located throughout the Moscone Center and will be available during registration hours. Inquiries concerning the Clinical Congress may be made at these kiosks.

ACS Resource Center

The ACS Resource Center will be open during the following hours:

**Monday through Wednesday,
 October 27 – 29 9:00 am – 4:30 pm**

All attendees are invited to make time during the meeting to visit the ACS Resource Center located in the Moscone Center, South Hall. From updating online member profiles to ordering the latest educational products, the ACS Resource Center offers information on a wide variety of programs, products, and services available to ACS Members and meeting attendees. Exhibits include:

- ACS Archives
- ACS career connections
- ACS merchandise
- ACS National Surgical Quality Improvement Program (ACS NSQIP®)
- ACS Surgeon Specific Registry
- ACS website and communities
- Advanced Trauma Life Support Course® (ATLS®)
- Advocacy and Health Policy
- Cancer Programs
- Division of Education
- E-Posters of Exceptional Merit
- ACS Fundamentals of Surgery Curriculum®
- *Journal of the American College of Surgeons (JACS)*
- Member Services
- Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program
- My CME Booth (Locations will also be spread throughout Moscone Center)
- Operation Giving Back
- Patient education
- Photo and public profile
- *Selected Readings in General Surgery (SRGS®)*
- *ACS Surgery News*
- *Surgical Education and Self-Assessment Program (SESAP®)*
- Trauma Programs
- Webcast sales (available at the Division of Education Booth and in the Webcast sales booth in the Concourse).

The following ACS exhibits will be located at the Moscone Center, North Hall Lobby:

- ACS Foundation–FLS Lounge
- ACSPA–SurgeonsPAC
- Become a Member/Member Services

These exhibits will be open:

Sunday, October 26 7:00 am – 6:00 pm
 Monday, October 27 6:30 am – 5:00 pm
 Tuesday, October 28 7:00 am – 4:00 pm
 Wednesday, October 29 7:00 am – 4:00 pm
 Thursday, October 30 7:00 am – 10:00 am

Thomas R. Russell, MD, FACS, “Celebration of Life” Service



Please join us for a “Celebration of Life” service for Thomas R. Russell, MD, FACS, former Executive Director of the American College of Surgeons, as we fondly recall his unflagging dedication to the College and its members. The memorial service will take place Wednesday, October 29, 6:00–7:00 pm, Moscone North, Exhibit Level, Room 130-131.

Housing Information Desk

Representatives from the ACS Official Housing Agency, Travel Planners, will be available to answer any questions you may have regarding your hotel reservations, as well as be able to modify your current reservation or make new reservations if needed. The Housing Information Desk is located in the Moscone Center, and will be open during registration hours, phone 415-978-3733. If you need assistance during non-registration hours, a Travel Planners representative will be available at 917-816-7278.

Make your hotel reservation for the 2015 ACS Clinical Congress in Chicago, IL, at the Housing Information Desk. Representatives will be available to answer any questions that you have pertaining to participating hotels.

Bistro ACS

Grab lunch and network with exhibitors or your colleagues at Bistro ACS in the exhibit hall at the Moscone Center, Monday, October 27, through Wednesday, October 29. Bistro ACS provides an excellent opportunity for uninterrupted face-to-face time between attendees and exhibiting companies. Bistro ACS offers assorted menu options, including several fresh and healthy options, international cuisine, and regional favorites. It is reasonably priced for an all-inclusive lunch buffet; \$26 includes lunch, beverages, dessert, and tax. Bistro ACS also provides attendees with express seating and is conveniently located so that you can enjoy a quick and delicious lunch. Tickets can be purchased daily at the Bistro ACS booth at the Moscone Center in the Concourse or purchased online at www.bistroACS.com.

Breaks

Congress-wide breaks are scheduled for 9:30 am, 11:15 am, and 4:00 pm on Monday; 7:45 am, 9:30 am, 2:15 pm, and 4:00 pm on Tuesday and Wednesday; and 7:45 am and 9:30 am on Thursday. At these times, all sessions, except Postgraduate Courses, will have a 15-minute break. On Monday, an extended break is scheduled between 1:00 and 2:30 pm, and Tuesday and Wednesday between 11:15 am and 12:45 pm.

Update your FACS Profile

Can new patients find you? Update your FACS profile to make sure they can. Visit the Photo and Public Profile Booth in the ACS Resource Center to get a complimentary photo taken and to work with staff to update your member profile on the ACS website. The ACS Find a Surgeon site helps the public connect with qualified surgeons by providing access to College member profiles. Your personalized profile can include information about your practice site, medical school, residency, fellowships, and areas of special interest and expertise. Every time your profile is accessed, you will receive an e-mail notification. Take advantage of this opportunity by ensuring your profile is current.

Clinical Congress News

The official annual meeting newspaper will be distributed at Moscone Center and at the Hilton San Francisco Union Square each morning during the Congress. Last-minute program changes and other timely information will be announced in the newspaper. Items for publication must be delivered or phoned to the *Clinical Congress News* office at Moscone Center before 1:00 pm on the day immediately preceding the desired date of publication. *Clinical Congress News* will also be available via the Clinical Congress app.

Scientific Poster Presentations

The Scientific Poster Presentations is a forum of more than 350 posters showcasing timely, innovative information and findings on original scientific research, surgical procedures, practices, and approaches.

The Scientific Posters will be located in the Moscone Center, South Hall, and will be open at the following times:

Monday, October 27 9:00 am – 4:30 pm
Tuesday, October 28 9:00 am – 4:30 pm
Wednesday, October 29 9:00 am – 4:30 pm

Technical Exhibits

The Technical Exhibition comprises more than 200 companies displaying their products and services. The exhibition provides an excellent opportunity to explore the surgical marketplace by comparing products firsthand and planning purchases.

Technical Exhibits will be located in the Moscone Center, South Hall, and will be open at the following times:

Monday, October 27 9:00 am – 4:30 pm
 Tuesday, October 28 9:00 am – 4:30 pm
 Wednesday, October 29 9:00 am – 4:30 pm

Webcasts

Look for this icon in the Scientific Program section.



Practicing Surgeons Webcast Packages

Earn CME credit and self-assessment credit for each webcast. Receive a CME certificate with self-assessment credit upon successful completion of viewing the webcast and completing the posttest.

Resident Webcast Packages

Resident Webcast packages allow users to do the following:

- View webcasts on demand
- Individualize your education
- Receive a certificate of completion

Choose one of the three webcast packages below:

2014 Complete Package

Access all 102 selected webcast sessions from the 2014 Clinical Congress and MP3 audio recordings of all Named Lectures and most Panel sessions. More than 150 CME credits and more than 150 self-assessment credits available for practicing surgeons.

2014 Webcast Package

Access all 112 webcast sessions from the 2014 Clinical Congress.

Webcast Pick 25 of 2014

Select 25 of the 112 webcast sessions from the 2014 Clinical Congress.

For more information, visit www.facs.org/clincon2014/registration.html or contact Olivier Petinaux at 866-475-4696 or via e-mail at elearning@facs.org.

Shuttle Bus Service

The ACS provides complimentary shuttle bus service between designated hotels in the ACS block and the Moscone Center. The complimentary shuttle bus service will run on the following schedule:

Daily Time Schedule

Sunday, October 26 6:30 am – 6:15 pm
 8:00 pm – 9:45 pm*
 Monday, October 27 6:00 am – 6:15 pm
 Tuesday, October 28 6:00 am – 6:15 pm
 Wednesday, October 29 6:30 am – 6:15 pm
 Thursday, October 30 6:30 am – 11:45 am

Frequency will be every 15 to 20 minutes.

*Service from the Moscone Center to hotels on all routes.

NOTE: Shuttle bus times and routes are subject to change. Check your hotel lobby for the most up-to-date schedule and routes.

♿ For hotel shuttle information or special needs transportation, call 877-875-2455.

First Aid Facilities/ Lactation Room

The first aid offices will be located at the Moscone Center:

- North Hall First Aid is located across from Room 124
- South Hall First Aid is located across from Room 106
- West Building First Aid is located just inside the Howard Street entrance, Esplanade Level

The telephone number will be published in the *Clinical Congress News*. The hours of operation are as follows:

North and South Building

Sunday, October 26 7:00 am – 6:00 pm
 Monday, October 27 6:30 am – 6:00 pm
 Tuesday, October 28 7:00 am – 6:00 pm
 Wednesday, October 29 7:00 am – 6:00 pm
 Thursday, October 30 7:00 am – 5:00 pm

West Building

Sunday, October 26 7:00 am – 9:00 pm
 Monday, October 27 6:30 am – 6:00 pm
 Tuesday, October 28 7:00 am – 6:00 pm

A nursing mothers' room will be located in Room 203, Mezzanine Level, South Hall. To access the lactation room go to the Convention Office located in the North Hall.

Children

The ACS policy regarding children is as follows:

- Children under 12 years of age are not permitted on tours
- Children under 16 years of age are not permitted on exhibit floor or in scientific sessions
- Children ages 16 and older must have a badge to enter exhibit area or meeting rooms

This policy includes infants in strollers and arms. See page 14 for information on child care.

Friends of Bill W.

Friends of Bill W. will meet Monday, October 27 through Wednesday, October 29, 7:00–8:30 pm, at the Hilton San Francisco Union Square, Executive Boardroom.

Lost and Found

Lost and Found areas are located in the ACS Convention Office at the Hilton San Francisco Union Square and in the Convention and Exhibit Office at the Moscone Center, North Hall. Individuals needing assistance with lost or found items should contact one of these offices.

Prayer Room

A prayer room will be available during the meeting and will be located in the Moscone Center South, East Mezzanine, Room 216.

Speaker Ready Room

The Speaker Ready Room is located at the Moscone Center, North Hall. Days and hours of operation are as follows:

Saturday, October 25	7:30 am – 4:00 pm
Sunday, October 26	7:00 am – 5:00 pm
Monday, October 27	6:30 am – 6:00 pm
Tuesday, October 28	6:30 am – 6:00 pm
Wednesday, October 29	6:30 am – 6:00 pm
Thursday, October 30	6:30 – 11:00 am

It is requested that all speakers visit the Speaker Ready Room at least four hours in advance of their presentation time to verify the receipt of presentations. Speakers who have not yet submitted their presentations via the advance submission website or have audio and/or video clips must check in to ensure the proper loading and integrity of presentations.

ACS Logo Merchandise

ACS exclusive logo merchandise will be available for purchase at the Logo Merchandise Booth located at the Moscone Center, South Hall. The hours of operation are as follows:

Monday, October 27	9:00 am – 4:30 pm
Tuesday, October 28	9:00 am – 4:30 pm
Wednesday, October 29	9:00 am – 4:30 pm

Cyber Café

The Cyber Café will be located in the Exhibit Hall at the Moscone Center, South Hall. Clinical Congress attendees can check or send e-mail and stay in touch with the office.

Alumni and Ancillary Event Bulletin Board

Space is provided to post information for meetings, job opportunities, seminars, and other information of interest. The event bulletin board is located at the Moscone Center in the Concourse.

Future Meetings

2015	Chicago, IL	October 4–8
2016	Washington, DC	October 16–20
2017	San Diego, CA	October 22–26
2018	Boston, MA	October 21–25

Guest Registration

Guests may register on-site for an \$85 nonrefundable registration fee. All guest registrants must be accompanied by a Scientific Program registrant of another category. Guest registration is meant for nonmedical attendees only. Guests are ineligible for CME credits or a Certificate of Attendance, nor can they attend Postgraduate Courses or Meet-the-Expert Luncheons.

The guest registration fee entitles individuals to attend scientific sessions, view the technical and scientific exhibits, purchase event tickets, and use the shuttle service. Guest registrants also receive a tote bag including local information and a gift.

On-site guest registration and additional tour tickets (based on availability) may be purchased at On-Site Registration area located at the Moscone Center, North Hall, and at the Guest Registration Desk at the Hilton San Francisco Union Square, California Room, Ballroom Level, during the registration hours below.

Moscone Center

Sunday, October 26 7:00 am – 6:00 pm
 Monday, October 27 6:30 am – 5:00 pm
 Tuesday, October 28 7:00 am – 4:00 pm
 Wednesday, October 29 7:00 am – 4:00 pm
 Thursday, October 30 7:00 am – 10:00 am

Hilton San Francisco Union Square

Saturday, October 25 1:00 – 5:00 pm
 Sunday, October 26 8:00 am – 5:00 pm
 Monday, October 27 8:00 am – 5:00 pm
 Tuesday, October 28 8:00 am – 5:00 pm

Tour Departures

Important note: All tours will depart from and return to the Hilton San Francisco Union Square. Please meet in the lobby, unless otherwise indicated. For your comfort, we strongly recommend comfortable walking shoes for all tours. Unless otherwise indicated, all lunches are included in the price of the tour. Children under 12 years of age are not permitted on tours unless otherwise indicated. All children 12 years and older must be accompanied by an adult.

Refund Policy

The Guest Registration fee is nonrefundable. The tour cancellation deadline has passed and no refunds for cancellation can be given due to commitments made. This policy is strictly enforced.

Child Policy

Children under 12 years of age may not participate in tours, unless otherwise indicated. This restriction includes infants in arms or strollers. Tour tickets for children 12 years or older may be ordered as additional tickets on the parent's guest registration form. Please note on the form that the extra tickets are for children and list their full names and ages. Young adults 16 years and older must be registered as guests and pay the registration fee to participate in Congress activities. Please note that the ACS reserves the right to refuse boarding of a tour bus by anyone not complying with our age restrictions.

Camp ACS

ACCENT on Children's Arrangements Inc. is thrilled to be partnering with the ACS to provide an exciting on-site children's program tailored especially for the children of ACS Members. Children ages six months to 18 years are welcome to participate in Camp ACS.

Camp ACS is located at the San Francisco Marriott Marquis. On-site registration will be available on a space-available basis.

ACCENT will serve juice and healthy snacks. Parents and guardians will be responsible for their children's meals. Lunch hour is from 12:00 noon to 1:00 pm.

Hours of operation:

Sunday, October 26, to Wednesday, October 29
 7:30 am - 10:00 pm

If you have questions, stop by the Camp ACS registration desk, or call the hotel at (415) 896-1600 and ask to be connected to the Camp ACS desk.

Sessions-at-a-Glance by Day

Key to Session/Course Codes

DC Didactic Course
ME Meet-the-Expert Luncheon
NL Named Lecture
PP Poster Presentations
PS Panel Session
SC Skills Course
SF Surgical Forum
SP Scientific Papers
TH Town Hall Meeting
VE Video-Based Session

Location Abbreviations

All sessions are held at the Moscone Center unless otherwise noted.

MW – Moscone West

MS – Moscone South

MN – Moscone North

SFMM – San Francisco Marriott Marquis

HSF – Hilton San Francisco Union Square

\$ Indicates that additional fees and registration apply

Ⓢ Indicates a Webcast session (Webcast package available for purchase)



































SA Self-Assessment Credit available PtS Patient Safety Credit available



























E Ethics PA Palliative Care PM Pain Management T Trauma/Critical Care

🎧 Audio (Audio part of complete Webcast package or sold individually)





















SATURDAY, OCTOBER 25			Designated Tracks			Page No.	Location	
8:00 - 3:30	DC12	High-Risk Breast Cancer Management from A to Z	GEN	ONC		52	MW 2001	
8:30 - 5:30	SC01	Skills for Rural Surgeons: Advanced Endoscopic Techniques and Resource Utilization	GEN	RUS		46	MW 2024	
9:00 - 4:30	DC13	Robotic Surgery for Gastrointestinal Operations: Program Planning, Approaches, and Applications	ORT	GEN		53	MW 2003	PtS
SUNDAY, OCTOBER 26			Designated Tracks			Page No.	Location	
8:00 - 4:00	DC14	Emergency General Surgery Update	TRA	GEN	RUS	54	MW 2003	PtS, T
8:00 - 5:30	SC02	Flexible Endoscopy for General Surgeons	GEN			46	MW 2005/2007	
8:30 - 4:00	DC15	Introduction to CPT, ICD-10-CM, and Evaluation and Management Coding: 2014 Basic Coding Workshop	HP			55	MW 2001	
8:30 - 5:15	SC03	Practical Applications of Ultrasonography in the Intensive Care Unit	EDU	TRA		47	MW 2020/2022	T
9:00 - 4:30	DC16	Surgical Education: Principles and Practice	EDU			55	MW 2010	
11:30 - 6:00		Medical Student Program, Session I	RES/MED			35	MS 103	
1:00 - 5:15	SC04A	Measurement and Analysis to Transform Surgical Care (Part A)	GEN			48	MW 2000	PtS
3:00 - 5:30		RAS Symposium—Five-Year General Surgery Residency: Reform or Revolution?	RES/MED			35	MN 132–133	
6:00 - 8:00		Convocation				35	MW Ballroom	
MONDAY, OCTOBER 27			Designated Tracks			Page No.	Location	
8:30 - 9:30	NL01	Opening Ceremony / Martin Memorial Lecture	ONC	URO		36, 43	MW Ballroom	🎧
9:45 - 10:45	NL02	John H. Gibbon, Jr. Lecture	CTS			43	MN 134	🎧
9:45 - 11:15	PS100	Laparoscopic Cholecystectomy: A Nickel-and-Dime Operation with a Million Dollar Complication	GEN			68	MS 307–310	🎧 Ⓢ PtS
9:45 - 11:15	PS101	Innovative Approaches of Anastomotic Leaks after Bowel Resection: Dealing with Disaster	CRS			68	MW Ballroom	🎧 Ⓢ PtS
9:45 - 11:15	PS102	The Gut Microbiome: A Surgeon's Hostile Adversary or Secret Savior	BTR	GEN		68	MW 3014/3016/3018	🎧 Ⓢ
9:45 - 11:15	PS103	Free-Flap Surgery: The Revolution of Reconstruction	CTS	OTO	PLA	69	MS 303	🎧 Ⓢ
9:45 - 11:15	PS104	Image-Guided Surgery: Progress and Promise	GEN	RES/MED		69	MS 304/306	🎧 Ⓢ
9:45 - 11:15	PS105	The Surgeon's Role in Reducing Health Care Costs	EDU	HP		69	MN 132–133	🎧 Ⓢ
9:45 - 11:15	PS106	My Cup Runneth Over: Surgeon Suffering and Burnout	EDU	GER		70	MW 2002/2004	Ⓢ
9:45 - 11:15	SP01	Bariatric Surgery	GEN			105	MS 302	
9:45 - 11:15	VE01	Controversies in General Surgery	GEN			143	MN 135	

































9:45 - 12:15	PS107	Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2014 Volunteerism and Humanitarian Award Winners	HUM	INT		70	MS 102	Ⓜ
9:45 - 1:00	SF01	Alimentary Tract I	GEN			114	MN 122/125	
9:45 - 1:00	SF02	Quality, Safety, and Outcomes I	EDU	HP		115	MN 121/124	PtS
9:45 - 1:00	SF03	Targeted and Cell-Based Therapies	BTR			116	MN 120	
9:45 - 1:00	VE02	Cardiothoracic Surgery	CTS			143	MS 305	
9:45 - 1:00	VE03	Colon and Rectal Surgery I	CRS			144	MW 2006/2008	
9:45 - 1:00	VE04	General Surgery I	GEN			145	MW 3020/3022	
9:45 - 2:00	SC05	Ultrasound for Pediatric Surgeons	GEN	PED		48	MW 2020/2022	
9:45 - 5:15	DC17	Mastering General Surgery Coding: Advanced Coding Workshop	HP			56	MW 2003	
9:45 - 5:15	SC04B	Measurement and Analysis to Transform Surgical Care (Part B)	GEN			48	MW 2000	PtS
10:00 - 5:15	SC06	Telemedicine: The Rapidly Expanding Field of Video-Based Telemedicine Health Care	INFO	RUS		49	MW 2009/2011	PtS
10:00 - 5:30	DC18-1	General Surgery Review Course	GEN			57	MW 2005/2007	
10:00 - 6:00		Surgery Resident Program—Starting Surgical Practice: Essentials for Success	RES/MED			36	MN 130–131	
11:30 - 1:00	PS108	Standard of Care for Breast Cancer: A Moving Target	GEN			70	MS 307–310	📍 Ⓜ
11:30 - 1:00	PS109	Ventral Hernia Repair: Challenges and Solutions	GEN			71	MW Ballroom	📍 Ⓜ
11:30 - 1:00	PS110	Desperate Situations: Close Encounters of a Rural Kind	GEN	RUS		71	MN 132–133	📍 Ⓜ PtS
11:30 - 1:00	PS111	Diagnosis and Treatment of Gynecologic Causes of the Acute Abdomen	GEN	OBG		71	MS 304/306	📍 Ⓜ PtS
11:30 - 1:00	PS112	An Update on Health Care Reform	HP			71	MN 135	📍 Ⓜ
11:30 - 1:00	PS113	Operative Access: What's Proven, What's Not	EDU	GEN		72	MW 2002/2004	📍 Ⓜ
11:30 - 1:00	PS114	Can't Ventilate? Can't Oxygenate? Now What?	TRA			72	MN 134	📍 Ⓜ PtS, T
11:30 - 1:00	PS115	Advanced Thyroid and Parathyroid Ultrasound	GEN	OTO		72	MW 3014/ 3016/3018	📍 Ⓜ
11:30 - 1:00	SP02	Endocrine	GEN			105	MN 123	
11:30 - 1:00	SP03	Liver/Biliary Tract/Pancreas I	GEN			106	MS 303	
12:30 - 4:45	DC19	Maintenance of Certification Review: Essentials for Surgical Specialties	GEN			58	MW 2010	
1:00 - 5:15	SC07	Advanced Colonoscopy: New Techniques for Polypectomy and Advanced Intervention	CRS	RUS		49	MW 2001	
1:00 - 6:00		Medical Student Program, Session II	RES/MED			37	MS 102	
1:15 - 2:15	ME101	Evidence-Based Treatment of Incisional Hernias	GEN			65	MS 236	
1:15 - 2:15	ME102	Antireflux Gadgets and Gimmicks	GEN			65	MS 224	PtS
1:15 - 2:15	ME103	Best Approaches to Nipple-Sparing Mastectomy	GEN			65	MS 222	
1:15 - 2:15	ME104	Crohn's Disease: Bring Your Toughest Cases	CRS	GEN		65	MS 220	
1:15 - 2:15	ME105	What Is Patient-Centered Outcomes Research and What Does It Mean to Your Practice?	BTR	EDU		65	MS 208/210	PtS
1:15 - 2:15	ME106	Helping Surgeons Resolve Conflicts About End-of-Life Decisions	ETH	GER		65	MS 258/260	E, PA
1:15 - 2:15	ME107	How to Use and Interpret Molecular Genetic Studies Done on Thyroid FNA	EDU	OTO		65	MS 238	
1:15 - 2:15	ME108	Lymphedema after Breast Surgery	GEN	ONC		65	MS 232	
1:15 - 2:15	ME109	Medullary Thyroid Carcinoma 101: What Do You Need to Know?	GEN	ONC		65	MS 230	
1:15 - 2:15	ME110	Minimally Invasive Parathyroidectomy: How I Do It	GEN	OTO		65	MS 226	
1:15 - 2:15	ME111	Surgical Management of Congenital Chest Wall Deformities	CTS	PED		65	MS 212	
1:15 - 2:15	ME112	The Relationship and Role of the Surgeon in Designing and Implementing ACOs	HP			65	MS 262	
1:15 - 2:15	ME113	TNM Cancer Staging: Is It Still Relevant?	ONC			65	MS 228	
1:15 - 2:15	ME114	Total Mesorectal Excision: When and How	CRS			65	MS 250	
1:15 - 2:15	ME115	Treatment Options for Anal Fissure	CRS			65	MS 256	
1:15 - 2:15	ME116	Efficient Disease Management: The Geisinger Model for Cancer Care	GEN	ONC		65	MS 200	
1:15 - 2:15		Open Mic: Advocating for Global Surgery	HUM	INT		37	MW 3024	
2:30 - 3:30	NL03	Charles G. Drake History of Surgery Lecture	NEU			43	MN 134	📍 T






































2:30 - 4:00	PS116	Gastric Cancer: Current Management	GEN	ONC		73	MS 307–310	 
2:30 - 4:00	PS117	Evolving Concepts in the Management of Diverticulitis	CRS	GEN		73	MW Ballroom	 
2:30 - 4:00	PS118	Death, Dying, and Palliative Care in the Surgical Service	GER	TRA		73	MS 304/306	  PtS, PA
2:30 - 4:00	PS119	HIT, CPOE, HIE, and other EHR Alphabet Soup for the Practicing Surgeon	EDU	INFO		74	MW 2002/2004	 
2:30 - 4:00	PS120	Resuscitation of the Surgical Patient	GEN	TRA		74	MW 3014/ 3016/3018	  PtS, T
2:30 - 4:00	PS121	Initiates' Program: The Rewards of the Surgical Career and Joy of Surgical Practice	EDU	HP		74	MW 3020/3022	 
2:30 - 4:00	PS122	Transition to Practice in General Surgery	EDU	RES/MED		75	MN 132–133	  PtS
2:30 - 4:00	SP04	Quality, Outcomes, and Costs I; Surgical Humanitarian Outreach I	EDU	HUM		106	MS 302	
2:30 - 5:45	PS123	Latin America Day: Complications in Surgery	INT	GEN		75	MW 2006/2008	
2:30 - 5:45	SF04	Global Surgery	INT	HUM		117	MN 122/125	
2:30 - 5:45	SF05	Pediatric Surgery I	PED			118	MN 121/124	
2:30 - 5:45	SF06	Surgical Education I	EDU	RES/MED		119	MN 123	
2:30 - 5:45	SF07	Surgical Oncology/Endocrine I	ONC			120	MS 303	
2:30 - 5:45	SF08	Urology and Reproductive Surgery I	URO			121	MN 120	
2:30 - 5:45	SF09	Vascular Surgery I	VAS			122	MS 305	
2:30 - 5:45	VE05	Challenging and Unusual Problems in Surgery	GEN			146	MN 135	
4:15 - 5:00	NL04	I. S. Ravdin Lecture in the Basic and Surgical Sciences	BTR			43	MN 134	
4:15 - 5:45	PS124	HPV Disease: From Oral Cavity to Anus	CRS	OBG	OTO	75	MS 304/306	 
4:15 - 5:45	PS125	The Disaster Abdomen: Problems of an Open Abdomen, Enteroatmospheric Fistulas, and Beyond	GEN	TRA		76	MW Ballroom	  PtS, T
4:15 - 5:45	PS126	Challenges in the Surgical Treatment of Crohn's Disease	CRS	GEN		76	MS 307–310	 
4:15 - 5:45	PS127	Soft-Tissue Sarcoma: What the General Surgeon Needs to Know	GEN	ONC		76	MN 132–133	 
4:15 - 5:45	PS128	The Medical and Surgical Management of Thyroid Eye Disease	OPHTHO			77	MS 302	 
4:15 - 5:45	PS129	Surgical Hospitalists, Shift Coverage, and Advanced Practice Partners: The Changing Face of Trauma Care?	GEN	TRA		77	MW 2002/2004	  T
4:15 - 5:45	PS130	Oncology Care and Screening: How Feasible Is It and Why Aren't Nations Doing It?	HUM	INT		77	MW 3020/3022	 
4:15 - 5:45	PS131	The Surgeon as Artist	EDU			77	MW 3014/ 3016/3018	 
4:15 - 5:45	SP05	Surgical Oncology	ONC			107	MW 2001	
5:30 - 9:00		Cardiothoracic Surgery in the Future: Technology Overview for Residents and Medical Students	RES/MED			37	SFMM Salon 8-9	
6:30 - 8:30	VE06	Clinical Workshop Through Video	GEN			146	Hilton Grand Ballroom A	
TUESDAY, OCTOBER 28			Designated Tracks			Page No.	Location	
7:00 - 7:45	TH01	Ethical Issues Associated with Publicly Reporting 30-Day Mortality Statistics	ETH			38	MS 305	
7:00 - 7:45	TH02	Resident Education and the Next Accreditation System (NAS): Perspective of a Phase-1 Program	GEN	URO		38	MN 132–133	
7:00 - 7:45	TH03	Surgery and Politics: What Young Surgeons Need to Understand	HP	RES/MED		38	MN 135	
7:00 - 7:45	TH04	Evidence-Based Guidelines: Improving Quality of Care or Curbing Surgeons' Independence?	EDU	GEN		38	MN 134	
7:00 - 7:45	TH05	The Surgeon Specific Registry (SSR) for the Practicing Surgeon	GEN	HP		39	MS 307–310	
8:00 - 9:00	NL05	Herand Abcarian Lecture	CRS			43	MN 132–133	
8:00 - 11:15	PS206	Spectacular Cases	RES/MED			80	MN 134	
8:00 - 11:15	SF10	Cardiothoracic Surgery I	CTS			123	MN 121/124	
8:00 - 11:15	SF11	Critical Care I/Basic Biology	GEN	TRA		124	MS 303	PtS, T














8:00 - 11:15	SF12	Plastic and Maxillofacial Surgery I	PLA			125	MN 123	
8:00 - 11:15	SF13	Quality, Safety, and Outcomes II	EDU	HP		126	MS 302	PtS
8:00 - 11:15	SF14	Surgical Oncology/Endocrine II	ONC			127	MN 122/125	
8:00 - 11:15	SF15	Transplantation and Tissue Engineering	BTR	GEN		128	MN 120	
8:00 - 3:30	DC20	How to Use ACS NSQIP®; TQIP®, CQIP, and SSR in Your Institution	EDU	GEN		58	MW 2003	PtS
8:00 - 4:30	SC10	Thyroid and Parathyroid Ultrasound	OTO			51	MW 2020/2022	
8:00 - 9:30	PS200	Management of Bariatric Surgical Complications	GEN			78	MS 307–310	  PtS
8:00 - 9:30	PS201	Laparoscopic Procedures for Acute Abdominal Emergencies	GEN	TRA		78	MW Ballroom	  PtS, T
8:00 - 9:30	PS202	Learning from Mistakes: Teaching Transparency and Self-Reflection	EDU			79	MW 2002/2004	  PtS
8:00 - 9:30	PS203	Enrolling Patients on Cancer Clinical Trials: The Nuts and Bolts	GEN	NEU	ONC	79	MS 102	
8:00 - 9:30	PS204	Management of Acute and Chronic Pleural Disease	CTS			79	MS 304/306	 
8:00 - 9:30	PS205	Perioperative Patient Safety	EDU			79	MW 3014/ 3016/3018	  PtS
8:00 - 9:30	SP06	General Surgery I; Miscellaneous	GEN			107	MS 305	
8:00 - 9:30	VE08	Obstetrics and Gynecology	OBG			147	MW 3020/3022	
8:00 - 9:30	VE07	Pancreas Surgery	GEN			147	MN 135	
8:00 - 12:15	SC08	Social Media for Surgeons	EDU			50	MW 2000	
8:00 - 3:30	DC18-2	General Surgery Review Course	GEN			57	MW 2005/2007	
8:00 - 5:30	SC09	Minimally Invasive Colorectal Surgery Skills Course (Lecture; Off-Site Lab)	CRS			50	MW 2001	
8:15 - 5:45	DC21	Vascular Surgery for General Surgeons	GEN	RUS	VAS	50	MW 2010	
9:45 - 10:45	NL06	Excelsior Surgical Society/Edward D. Churchill Lecture	GEN			44	MN 132–133	 T
9:45 - 11:15	PS207	Necrotizing Pancreatitis: The Devil Is in the Details	GEN			80	MW Ballroom	  PtS
9:45 - 11:15	PS208	Abnormal Mammograms: What's Next?	GEN			80	MN 135	 
9:45 - 11:15	PS209	Getting Out of Trouble in the Pelvis	CRS	OBG	URO	81	MS 307–310	  PtS
9:45 - 11:15	PS210	Safe Energy Use in the Operating Room	GEN			81	MW 2002/2004	  PtS
9:45 - 11:15	PS211	Primer on Thoracic Oncology Principles	CTS	GEN	ONC	81	MS 304/306	 
9:45 - 11:15	PS212	Is Private Practice Dead? Private Practice vs. Hospital Employment	GEN	RUS		81	MW 3014/ 3016/3018	 
9:45 - 11:15	PS213	Contemporary Management of Aerodigestive Tract Foreign Bodies	GEN	OTO	PED	82	MS 102	  PtS
9:45 - 11:15	SP07	Colon and Rectal Surgery I	CRS			108	MS 305	
9:45 - 11:15	VE09	Subject-Oriented Symposium I: Spectacular Hernias A to Z	GEN			148	MW 2006/2008	
9:45 - 11:15	VE10	Subject-Oriented Symposium II: Heroes in Surgery: Our Legacy	GEN			148	MW 3020/3022	
11:30 - 12:30	ME201	A Framework for Conducting Quality Improvement Projects in a Cancer Surgical Practice	GEN	ONC		66	MS 258/260	PtS
11:30 - 12:30	ME202	Anorectal Surgery	CRS			66	MS 236	
11:30 - 12:30	ME203	Management of the Axilla in T1 or T2 Breast Cancer	GEN	ONC		66	MS 250	
11:30 - 12:30	ME204	Bundling Payment in Surgical Services	HP	OTO		66	MS 208/210	
11:30 - 12:30	ME205	Current Management of Thyroid Nodules	OTO			66	MS 262	
11:30 - 12:30	ME206	Diverticulitis Decision Making for the Acute Care Surgeon	GEN			66	MS 212	PtS
11:30 - 12:30	ME207	Enteral Access for Nutrition: Tips and Tricks	GEN			66	MS 222	
11:30 - 12:30	ME208	Evaluation and Management of Pancreatic Cysts	GEN			66	MS 228	
11:30 - 12:30	ME209	Genitourinary Trauma	TRA	URO		66	MS 230	T
11:30 - 12:30	ME210	Is My Patient Frail? Assessment and Clinical Implications for Cancer Surgery	GEN	ONC		66	MS 224	PtS

11:30 - 12:30	ME211	Laparoscopic Hernia Repair: My Tips and Techniques	GEN			66	MS 256	
11:30 - 12:30	ME212	Early Post-Laparoscopic Cholecystectomy Abdominal Pain	GEN			66	MS 200	PM
11:30 - 12:30	ME213	Necrotizing Soft-Tissue Infections	GEN			66	MS 226	PtS
11:30 - 12:30	ME214	Neuroendocrine Tumors of the Pancreas 101: What Do I Need to Know?	GEN			66	MS 238	
11:30 - 12:30	ME215	The Reality of Starting a New Line of Service: Keys to Success	HP	RES/MED		66	MS 220	
11:30 - 12:30		Posters of Exceptional Merit Tour				39		
12:45 - 1:30	NL07	Scudder Oration on Trauma	TRA			44	MS 307-310	T
12:45 - 2:15	PS214	IPMN: What Is Behind the Letters?	GEN			82	MS 304/306	W
12:45 - 2:15	PS215	Abdominal Wall Reconstruction: Choosing the Right Procedure and Materials	GEN	PLA		82	MW Ballroom	W
12:45 - 2:15	PS216	Evaluation and Management of Incidentally Discovered Liver Masses	GEN			83	MW 3014/ 3016/3018	W
12:45 - 2:15	PS217	Evidence-Based Management of Abdominal Aortic Aneurysm	RUS	VAS		83	MN 134	W
12:45 - 2:15	PS218	Human Genomics and Personalized Medicine in Surgical Practice	BTR	GEN	ONC	83	MN 132-133	W
12:45 - 2:15	PS219	Controversies in Obesity Surgery in Adolescents	GEN	PED		84	MW 2002/2004	W
12:45 - 2:15	SP08	Surgical Education; Geriatric	EDU	GER		108	MS 303	
12:45 - 2:15	VE11	Neurological Surgery	NEU			148	MW 3020/3022	
12:45 - 2:15	VE12	Movie Classics from the Past	GEN			148	MW 2006/2008	
12:45 - 4:00	VE13	General Surgery II	GEN			149	MN 135	
12:45 - 5:00	DC22	Team-Based Care: Integrating Health Care Professionals into Surgical Practice	EDU	HP		60	MW 2001	PtS
1:00 - 5:00	PS220	Association of Program Directors in Surgery (APDS) Panels: The Future of Graduate Medical Education Funding; Assessment of Intraoperative Skills	EDU	RES/MED		84	MS 102	
1:00 - 6:00		Medical Student Program, Session III	RES/MED			39	MN 130-131	
2:30 - 3:30	NL08	Olga M. Jonasson Lecture	GEN			44	MN 134	
2:30 - 4:00	PS221	Status of Nipple-Sparing Mastectomy: Evidence and Controversies	GEN	PLA		84	MW Ballroom	W
2:30 - 4:00	PS222	Fournier's Gangrene	PLA	URO		84	MS 307-310	W PtS, T
2:30 - 4:00	PS223	The Environmentally Responsible Surgical Practice	GEN	HP		85	MW 2006/2008	W
2:30 - 4:00	PS224	Contemporary Issues with Access for Hemodialysis	GEN	VAS		85	MN 130-131	W
2:30 - 4:00	PS225	Factors Shaping Surgery during the 20th Century: The Inaugural Session of the ACS Surgical History Group	GEN	EDU	RES/MED	85	MS 304/306	W
2:30 - 4:00	SP09	Quality, Outcomes, and Costs II; Surgical Humanitarian Outreach II	EDU	HUM		108	MN 132-133	
2:30 - 4:00	SP10	Trauma Surgery I; Neurosurgery	NEU	TRA		109	MW 3020/3022	
2:30 - 5:45	PS226	Ethics Colloquium: Ethical Allocation of Health Care Resources	ETH			86	MW 2002/2004	W E
2:30 - 5:45	SF16	2014 Surgical Forum Dedication/Excellence in Research Awards Distribution (2:30-3:00); NS/OB-GYN/ORT Scientific presentations (3:00-5:45)	NEU	OBG	ORT	129	MW 121/124	
2:30 - 5:45	SF17	Alimentary Tract II	GEN			130	MN 122/125	
2:30 - 5:45	SF18	Pediatric Surgery II	PED			131	MS 303	
2:30 - 5:45	SF19	Urology and Reproductive Surgery II (Robotics)	URO			132	MN 120	
3:00 - 5:00		Setting Conditions for Chapter Success: A Panel Presentation and Reception for Domestic and International Chapters				39	MW 3024	
4:15 - 5:45	VE14	Hepatobiliary Surgery I	GEN			149	MW 2006/2008	
4:15 - 5:45	PS228	Management of Common Thoracic Trauma	CTS	GEN	TRA	86	MS 307-310	W PtS, T
4:15 - 5:45	PS229	Burn Update for the General Surgeon	GEN	TRA		87	MN 135	W PtS, T
4:15 - 5:45	PS230	Contemporary Management of Rectal Cancer: Where Are We Now, and Where Might We Be Going?	CRS	ONC		87	MW Ballroom	W
4:15 - 5:45	PS231	Zoning in on Neck Injury: The Multimodality Treatment of Penetrating and Blunt Trauma to the Neck	NEU	OTO	TRA	87	MN 130-131	W PtS, T

4:15 - 5:45	PS232	Educating Patients about Ostomies, Tubes, Wounds, and Lines = Quality	GEN	RES/MED		87	MS 304/306	  PtS
4:15 - 5:45	PS233	Emergency Surgery Around the World	INT	TRA		88	MN 134	  PtS, T
4:15 - 5:45	SP11	Transplantation	GEN			109	MW 2003	
4:15 - 5:45	SP12	Urology; Perioperative	GEN			110	MW 3020/3022	
4:15 - 5:45		Rural Surgeons Open Forum and Oweida Scholarship Presentation	RUS			40	MN 132–133	
6:30 - 8:30	VE15	Best Videos from the Past	GEN			150	Hilton Grand Ballroom A	
WEDNESDAY, OCTOBER 29			Designated Tracks			Page No.	Location	
7:00 - 7:45	TH06	Optimal Resources for Children's Surgical Care: What It Means to Surgeons Who Operate on Children	GEN	PED		40	MN 134	
7:00 - 7:45	TH07	Personal Finances and Risk Mitigation for Residents and Fellows	HP	RES/MED		40	MN 135	
7:00 - 7:45	TH08	Prehospital Emergency Medical Systems	TRA			40	MN 130–131	
7:00 - 7:45	TH09	Surgical Advocacy: Why It Is Important and How to Be Effective	HP			40	MN 132–133	
7:00 - 7:45	TH10	The Precarious State of GME Funding: What Is the Future?	RES/MED			40	MS 304/306	
7:00 - 7:45	TH11	An Update on ACS NSQIP®	EDU	HP		41	MS 307–310	
7:00 - 7:45	TH12	Ensuring Continuity of Care in the Era of the 80-Hour Workweek	EDU	TRA		41	MS 303	
8:00 - 9:00	NL09	Distinguished Lecture of the International Society of Surgery	INT			44	MN 132–133	
8:00 - 9:30	PS300	The Toughest Trauma Case I Ever Had: Learn from the Experts	GEN	TRA		88	MW Ballroom	  PtS, T
8:00 - 9:30	PS301	Surgical Management of Adrenal Masses in Children and Adults	ONC	PED		88	MN 134	 
8:00 - 9:30	PS302	Sports Hernia: Fantasy or Reality?	GEN			89	MS 307–310	 
8:00 - 9:30	PS303	The Tyranny of Distance: Interhospital Transfers— A Worldwide Issue for Quality Patient Care	RUS			89	MW 3020/3022	  PtS
8:00 - 9:30	PS304	Vascularized Composite Allotransplantation: From Faces to Hands	GEN	PLA		89	MS 304/306	 
8:00 - 9:30	PS305	Medicare's Approach to Value-Based Purchasing: Aligning E Rx, PQRS, and EHR with the New Medicare Value-Based Payment Modifier	HP			90	MW 2002/2004	 
8:00 - 9:30	SP13	Vascular Surgery	VAS			110	MW 2005/2007	
8:00 - 9:30	SP14	Surgical Oncology II	ONC			111	MS 302	
8:00 - 9:30	VE16	Subject-Oriented Symposium III: Complications in General Surgery	GEN			150	MN 135	
8:00 - 9:30	VE17	Urological Surgery	URO			151	MS 305	
8:00 - 9:30	VE18	Otolaryngology—Head and Neck Surgery	OTO			151	MW 2006/2008	
8:00 - 11:15	PS306	Surgical Jeopardy	RES/MED			90	MW 3014/ 3016/3018	
8:00 - 11:15	SF20	Alimentary Tract III	GEN			132	MS 303	
8:00 - 11:15	SF21	Critical Care II/Clinical Studies	GEN	TRA		133	MN 122/125	T
8:00 - 11:15	SF22	Surgical Education II	EDU	RES/MED		134	MN 121/124	
8:00 - 11:15	VE19	Subject-Oriented Symposium IV: Atlas Showcase: Pancreas Surgery Volume	GEN			152	MN 130–131	
8:00 - 3:30	DC23	Reorganizing Care to Optimize Outcomes: How to Start an Enhanced Recover-after-Surgery Program at Your Hospital	CRS	EDU	GEN	61	MW 2000	PtS
8:30 - 5:00	DC24	Non-Technical Skills for Surgeons (NOTSS) in the Operating Room: Behaviors in High-Performing Teams	EDU			62	MW 2010	PtS
8:30 - 5:30	SC11	Humanitarian Surgery: Surgical Skills Training for the International Volunteer Surgeon	HUM			51	MW 2024	PtS
8:30 - 6:00	DC25	Annual Update in Surgical Critical Care	TRA			62	MW 2003	PtS, T
9:00 - 4:30	DC26	Contemporary Management of Common Anorectal Problems	CRS	GEN	RUS	63	MW 2001	
9:45 - 10:45	NL10	Ethics and Philosophy Lecture	ETH			44	MN 132–133	 E
9:45 - 11:15	PS307	Gastrointestinal Stromal Tumors: Update on Resection and Oncologic Management	GEN			91	MW Ballroom	 

9:45 - 11:15	PS308	The Toughest Emergency Case I Ever Had: Learn from the Experts	GEN	TRA		91	MS 307–310	  PtS, T
9:45 - 11:15	PS309	ACS NSQIP®—A Quality Improvement Program that Improves Outcome and Reduces Costs	GEN			91	MW 3020/3022	  PtS
9:45 - 11:15	PS310	Lumps, Bumps, and Sarcomas: The Aftermath of the Unplanned Sarcoma Excision and How to Avoid It	ONC	ORT		91	MN 134	 
9:45 - 11:15	PS311	Childhood Surgical Conditions into Adulthood: The Surgeon's Role in Long-Term Care and Transitions	GEN	PED		92	MS 305	 
9:45 - 11:15	PS312	Transition from Medical School to Surgery Residency	EDU	RES/MED		92	MW 2002/2004	  PtS
9:45 - 11:15	PS313	Managing Debt while Starting a Practice	EDU	HP		92	MS 304/306	 
9:45 - 11:15	SP15	Quality, Outcomes, and Costs III; Surgical Humanitarian Outreach III	EDU	HUM		111	MW 2005/2007	
9:45 - 11:15	VE20	Endocrine Surgery	GEN			152	MW 2006/2008	
9:45 - 11:15	VE21	Vascular Surgery	VAS			152	MN 135	
11:30 - 12:30	ME301	Addressing Chronic Pain Following Inguinal Hernia Repair	GEN			66	MS 250	PM
11:30 - 12:30	ME302	Anorectal Abscesses and Fistulae	CRS			66	MS 256	
11:30 - 12:30	ME303	Approaches to Acute Pancreatitis	GEN			66	MS 228	PtS
11:30 - 12:30	ME304	Complex Abdominal Trauma	GEN	TRA		66	MS 200	PtS, T
11:30 - 12:30	ME305	Minimally Invasive Treatment for Pancreatic Debridement	GEN			67	MS 212	PtS, T
11:30 - 12:30	ME306	Fixation of Rib Fractures	GEN			67	MS 238	PtS, T
11:30 - 12:30	ME307	Gastric Cancer: Current Techniques and Controversies	GEN	ONC		67	MS 226	
11:30 - 12:30	ME308	Gizmos and Gadgets in the ICU	TRA			67	MS 230	
11:30 - 12:30	ME309	Laparoscopic and Robotic Surgery for the Pancreas: Is It for Me?	GEN	HP		67	MS 208/210	PtS
11:30 - 12:30	ME310	Liver Resections: My Toughest Cases	GEN			67	MS 258/260	
11:30 - 12:30	ME311	Breast Cancer Management in 2014	GEN	ONC		67	MS 236	
11:30 - 12:30	ME312	Nonoperative Management of Appendicitis	GEN			67	MS 262	
11:30 - 12:30	ME313	Peri- and Postoperative Challenges of the Esophagectomy Patient	CTS	GEN		67	MS 220	
11:30 - 12:30	ME314	Practical Tips for Thyroidectomy	OTO			67	MS 222	
11:30 - 12:30	ME315	Abdominal Compartment Syndrome	GEN			67	MS 224	T
12:45 - 1:45	NL11	Commission on Cancer Oncology Lecture	ONC			44	MN 132–133	
12:45 - 2:15	PS314	Contemporary Management of Vascular Trauma	EDU	TRA	VAS	93	MW Ballroom	  PtS, T
12:45 - 2:15	PS315	Are We Doing Too Many Mastectomies?	GEN			93	MS 307–310	 
12:45 - 2:15	PS316	What Happened to the General Surgeon? Is Subspecialty Training the Only Path to Survival?	GEN			93	MW 3014/3016/3018	 
12:45 - 2:15	PS317	Parathyroidectomy for Primary Hyperparathyroidism	GEN	OTO		94	MN 134	 
12:45 - 2:15	PS318	Clinical Practice Guidelines for Postoperative Delirium	GER	NEU	TRA	94	MS 304/306	  PtS, T
12:45 - 2:15	PS319	Little Kids with Big Injuries	PED	TRA		94	MW 2002/2004	  PtS, T
12:45 - 2:15	SF23	Ethics	ETH			135	MS 303	E
12:45 - 2:15	SP16	Plastics and Maxillofacial Surgery; Orthopaedic Surgery	ORT	PLA		111	MS 102	
12:45 - 4:00	PS320	The ACS International Scholars and Travelers 2014	INT			95	MW 2005/2007	
12:45 - 4:00	VE22	International Video Session	GEN	INT		153	MS 305	
12:45 - 4:00	VE23	Colon and Rectal Surgery II	CRS			153	MN 135	
2:30 - 4:00	PS321	A Night on Call in the Surgical ICU: Case Panel	GEN	TRA		95	MW Ballroom	  PtS, T
2:30 - 4:00	PS322	Preoperative Staging and Treatment of Resectable Pancreatic Adenocarcinoma	GEN	ONC		96	MS 307–310	 
2:30 - 4:00	PS323	The Hospital Says You Are an “Expensive” Surgeon: What's Next?	GEN	HP		96	MN 134	 

2:30 - 4:00	PS324	Head Injury in the Polytrauma Patient: How Can We Make It Better?	NEU	TRA		96	MW 3014/ 3016/3018	  PtS, T
2:30 - 4:00	PS325	Preserving Reproductive Function in Adolescents and Young Adults after Cancer and Surgery	CRS	PED	URO	96	MS 102	 
2:30 - 4:00	PS326	Gaming in Patient Care and Surgical Education	EDU	RES/MED		97	MS 304/306	 
2:30 - 4:00	PS327	Cultural Competency	GEN	RES/MED		97	MW 2002/2004	 
2:30 - 4:00	SP17	Pediatric Surgery	PED			112	MS 302	
2:30 - 4:00	SP18	Cardiothoracic Surgery	CTS			112	MS 103	
2:30 - 4:00	VE24	Trauma	GEN	TRA		154	MW 3020/3022	
2:30 - 5:45	SF24	Cardiothoracic Surgery II	CTS			136	MN 120	
2:30 - 5:45	SF25	Geriatric Surgery and Palliative Care	GER			137	MN 122/125	PA
2:30 - 5:45	SF26	Plastic and Maxillofacial Surgery II	PLA			138	MN 123	
2:30 - 5:45	SF27	Quality, Safety, and Outcomes III	EDU	HP		138	MS 303	PtS
2:30 - 5:45	SF28	Vascular Surgery II	VAS			139	MN 121/124	
2:30 - 5:45	VE25	Pediatric Surgery	PED			155	MN 130–131	
2:30 - 5:45	VE26	General Surgery III	GEN			155	MW 2006/2008	
4:15 - 5:15		Annual Business Meeting of Members				41	MN 132–133	
4:15 - 5:45	PS328	Melanoma in 2014: What Does the Surgeon Need to Know?	GEN	OTO		97	MW Ballroom	 
4:15 - 5:45	PS329	Multi-Organ Pelvic Trauma: Current Management	GEN	TRA	URO	98	MS 307–310	  PtS, T
4:15 - 5:45	PS330	Airway Emergencies for the General Surgeon	GEN	OTO	TRA	98	MN 135	  PtS, T
4:15 - 5:45	PS331	Metabolic Surgery: Current State of the Role of Surgery in the Treatment of Type 2 Diabetes Mellitus	GEN			98	MW 3014/ 3016/3018	 
4:15 - 5:45	PS332	Family Planning Issues in Residency and Beyond	RES/MED			99	MS 2005/2007	 
4:15 - 5:45	PS333	Innovation and Invention in Surgery: From Concept to Market	EDU			99	MW 2002/2004	 
4:15 - 5:45	PS334	High-Risk Perioperative Patient Populations: Avoiding Adverse Events	GEN	GER	TRA	99	MS 304/306	  PtS, T
4:15 - 5:45	PS335	Controversies Over the Extent of Surgery and Treatment for Well-Differentiated Thyroid Cancer	GEN	ONC	OTO	99	MN 134	 
4:15 - 5:45	SP19	Liver/Biliary Tract/Pancreas II; Trauma Surgery II	GEN	TRA		112	MS 102	
THURSDAY, OCTOBER 30			Designated Track			Page No.	Location	
7:00 - 7:45	TH13	Developing the Young Surgeon Leader: Learning the Tricks of the Trade	RES/MED			41	MN 134	
7:00 - 7:45	TH14	Oncologic Surgery and Cancer Care for Underserved Populations	GEN	ONC		42	MN 135	
7:00 - 7:45	TH15	An Update on the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program	EDU	HP		42	MN 130–131	
7:00 - 7:45	TH16	Update on Payment Issues	HP			42	MN 132–133	
8:00 - 9:30	PS400	Ten Hot Topics in General Surgery	GEN			100	MS 307–310	 
8:00 - 9:30	PS401	Controversies in Surgical Oncology	ONC			100	MS 304/306	 
8:00 - 9:30	PS402	Current State of Endovascular Thoracic Aortic and Aortic Valve Technology	CTS	GEN	VAS	101	MN 132–133	 
8:00 - 9:30	PS403	Robotics for General Surgeons: What's Proven, What's Not	GEN			101	MN 134	  PtS
8:00 - 9:30	PS404	Management of Complications in Mandible Fracture Treatment	GEN	OTO	PLA	101	MS 303	  PtS, T
8:00 - 9:30	PS405	Surgical Critical Care Workforce: 2014 and Beyond	EDU	TRA		102	MS 102	  T
8:00 - 9:30	PS412	At the Tipping Point: A Decade of High-Impact Research from Jacobson Promising Investigator Awardees	BTR	GEN		102	MS 305	
8:00 - 9:30	SP20	General Surgery II; Obstetrics and Gynecology	GEN	OBG		113	MN 120	

8:00 - 9:30	VE27	Hepatobiliary Surgery II	GEN			156	MN 130–131	
8:00 - 11:15	SF29	Innovative Clinical Technology	INFO			140	MN 122/125	PtS
8:00 - 11:15	SF30	Quality, Safety, and Outcomes IV	EDU	HP		141	MN 121/124	PtS
8:00 - 11:15	VE28	Bariatric Surgery	GEN			156	MN 135	
9:45 - 11:15	PS406	What's New in Advocacy and Health Policy: Top Ten Advances in the Past Year	HP			102	MS 102	 
9:45 - 11:15	PS407	Laparoscopic Gastroesophageal Junction Surgery: Still Indicated After All These Years?	CTS	GEN		103	MN 134	 
9:45 - 11:15	PS408	The Great Work/Life Debates	EDU			103	MN 132–133	 
9:45 - 11:15	PS409	Ultrasound for Surgeons	GEN	OTO		103	MS 307–310	 
9:45 - 11:15	PS410	How Can I Get Credentialed for Something I've Never Done Before?	EDU			104	MN 130–131	  PtS
9:45 - 11:15	PS411	Better Outcomes through Preoperative Optimization: Getting Your Patients Strong for Surgery	GEN	HP		104	MS 304/306	  PtS
9:45 - 11:15	PS413	Hepatic Resection for Metastatic Colorectal Cancer	CRS	ONC		104	MS 303	

2014 Track Schedule

The scientific program, scheduled in discipline- and theme-based tracks, will focus specifically on the needs of various surgical specialties and learner groups.

A full listing of the 2014 track schedule is provided via the Clinical Congress App.

SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY
		Basic/Translational Research (BTR)			BTR
		Colon and Rectal Surgery (CRS)			
		Cardiothoracic Surgery (CTS)			
	Education/Outcomes and Safety (EDU)				
		Ethics (ETH)			
General Surgery (GEN)					
		Geriatric/Palliative Care (GER)			
	Health Policy : Practice Management / Reimbursement / Liability Issues (HP)				
		Surgical Humanitarian Outreach (HUM)			
		Informatics (INFO)			INFO
		International (INT)			
		Neurosurgery (NEU)			
		Obstetrics & Gynecology (OBG)			OBG
ONC		Surgical Oncology (ONC)			
		Ophthalmic Surgery (OPHTHO)			
ORT			Orthopaedic Surgery (ORT)		
		Otolaryngology–Head & Neck Surgery (OTO)			
		Pediatric Surgery (PED)			
		Plastic and Maxillofacial Surgery (PLA)			
	Residents / Medical Students (RES / MED)				
Rural Surgery (RUS)					
	Trauma / Critical Care (TRA)				
		Urology (URO)			
		Vascular Surgery (VAS)			

Sessions-at-a-Glance by Track

Key to Session/Course Codes

DC Didactic Course
ME Meet-the-Expert Luncheon
NL Named Lecture
PP Poster Presentations
PS Panel Session
SC Skills Course
SF Surgical Forum
SP Scientific Paper
TH Town Hall Meeting
VE Video-Based Session

Location Abbreviations

All sessions are held at the Moscone Center unless otherwise noted.

MW – Moscone West

MS – Moscone South

MN – Moscone North

SFMM – San Francisco Marriott
Marquis

HSF – Hilton San Francisco
Union Square

\$ Indicates that additional fees and registration apply

Ⓜ Indicates a Webcast session (Webcast package available for purchase)

SA Self-Assessment Credit available PtS Patient Safety Credit available

E Ethics PA Palliative Care PM Pain Management T Trauma/Critical Care

🎧 Audio (Audio part of complete Webcast package or sold individually)

BASIC/TRANSLATIONAL RESEARCH (BTR)

Monday, October 27

9:45 - 11:15	PS102	The Gut Microbiome: A Surgeon's Hostile Adversary or Secret Savior	p. 68	MW 3014/3016/3018	🎧 Ⓜ
9:45 - 1:00	SF03	Targeted and Cell-Based Therapies	p. 116	MN 120	
1:15 - 2:15	ME105	What Is Patient-Centered Outcomes Research, and What Does It Mean to Your Practice?	p. 65	MS 208/210	PtS
4:15 - 5:00	NL04	I. S. Ravdin Lecture in the Basic and Surgical Sciences	p. 43	MN 134	🎧

Tuesday, October 28

8:00 - 11:15	SF15	Transplantation and Tissue Engineering	p. 128	MN 120	
12:45 - 2:15	PS218	Human Genomics and Personalized Medicine in Surgical Practice	p. 83	MN 132-133	🎧 Ⓜ

Thursday, October 30

8:00 - 9:30	PS412	At the Tipping Point: A Decade of High-Impact Research from Jacobson Promising Investigator Awardees	p. 102	MS 305	Ⓜ
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COLON AND RECTAL SURGERY (CRS)

Monday, October 27

9:45 - 11:15	PS101	Innovative Approaches of Anastomotic Leaks after Bowel Resection: Dealing with Disaster	p. 68	MW Ballroom	🎧 Ⓜ PtS
9:45 - 1:00	VE03	Colon and Rectal Surgery I	p. 144	MW 2006/2008	
1:00 - 5:15	SC07	Advanced Colonoscopy Skills Course: New Techniques for Polypectomy and Advanced Intervention	p. 49	MW 2001	
1:15 - 2:15	ME104	Crohn's Disease: Bring Your Toughest Cases	p. 65	MS 220	
1:15 - 2:15	ME114	Total Mesorectal Excision: When and How	p. 65	MS 250	
1:15 - 2:15	ME115	Treatment Options for Anal Fissure	p. 65	MS 256	
2:30 - 4:00	PS117	Evolving Concepts in the Management of Diverticulitis	p. 73	MW Ballroom	🎧 Ⓜ

4:15 - 5:45	PS126	Challenges in the Surgical Treatment of Crohn's Disease	p. 76	MS 307-310	🎧 Ⓜ
4:15 - 5:45	PS124	HPV Disease: From Oral Cavity to Anus	p. 75	MS 304/306	🎧 Ⓜ

Tuesday, October 28

8:00 - 9:00	NL05	Herand Abcarian Lecture	p. 43	MN 132-133	🎧
8:00 - 5:45	SC09	Minimally Invasive Colorectal Surgery Skills Course (Lecture; Off-Site Lab)	p. 50	MW 2001	
9:45 - 11:15	PS209	Getting Out of Trouble in the Pelvis	p. 81	MS 307-310	🎧 Ⓜ PtS
9:45 - 11:15	SP07	Colon and Rectal Surgery I	p. 108	MS 305	
11:30 - 12:30	ME202	Anorectal Surgery	p. 66	MS 236	
4:15 - 5:45	PS230	Contemporary Management of Rectal Cancer: Where Are We Now, and Where Might We Be Going?	p. 87	MW Ballroom	🎧 Ⓜ

Wednesday, October 29

8:00 - 3:30	DC23	Reorganizing Care to Optimize Outcomes: How to Start an Enhanced Recover-after-Surgery Program at Your Hospital	p. 61	MW 2000	PtS
9:00 - 4:30	DC26	Contemporary Management of Common Anorectal Problems	p. 63	MW 2001	
11:30 - 12:30	ME302	Anorectal Abscesses and Fistulae	p. 66	MS 256	
12:45 - 4:00	VE23	Colon and Rectal Surgery II	p. 153	MN 135	
2:30 - 4:00	PS325	Preserving Reproductive Function in Adolescents and Young Adults after Cancer and Surgery	p. 96	MS 102	🎧 Ⓜ

Thursday, October 30

9:45 - 11:15	PS413	Hepatic Resection for Metastatic Colorectal Cancer	p. 104	MS 303	Ⓜ
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CARDIOTHORACIC SURGERY (CTS)

Monday, October 27

9:45 - 10:45	NL02	John H. Gibbon, Jr. Lecture	p. 43	MN 134	🎧
9:45 - 11:15	PS103	Free-Flap Surgery: The Revolution of Reconstruction	p. 69	MS 303	🎧 Ⓜ
9:45 - 1:00	VE02	Cardiothoracic Surgery	p. 143	MS 305	

* For a description of this session, please see the page number noted.

1:15 - 2:15	ME111	Surgical Management of Congenital Chest Wall Deformities	p. 65	MS 212	
Tuesday, October 28					
8:00 - 9:30	PS204	Management of Acute and Chronic Pleural Disease	p. 79	MS 304/306	📍 W
8:00 - 11:15	SF10	Cardiothoracic Surgery I	p. 123	MN 121/124	
9:45 - 11:15	PS211	Primer on Thoracic Oncology Principles	p. 81	MS 304/306	📍 W
4:15 - 5:45	PS228	Management of Common Thoracic Trauma	p. 86	MS 307-310	📍 W
Wednesday, October 29					
11:30 - 12:30	ME313	Peri- and Postoperative Challenges of the Esophagectomy Patient	p. 67	MS 220	
2:30 - 4:00	SP18	Cardiothoracic Surgery	p. 112	MS 103	
2:30 - 5:45	SF24	Cardiothoracic Surgery II	p. 136	MN 120	
Thursday, October 30					
8:00 - 9:30	PS402	Current State of Endovascular Thoracic Aortic and Aortic Valve Technology	p. 101	MN 132-133	📍 W
9:45 - 11:15	PS407	Laparoscopic Gastroesophageal Junction Surgery: Still Indicated After All These Years?	p. 103	MN 134	📍 W
EDUCATION/OUTCOMES AND SAFETY (EDU)					
Sunday, October 26					
8:30 - 5:15	SC03	Practical Applications of Ultrasonography in the Intensive Care Unit	p. 47	MW 2020/2022	T
9:00 - 4:30	DC16	Surgical Education: Principles and Practice	p. 55	MW 2010	
Monday, October 27					
9:45 - 11:15	PS105	The Surgeon's Role in Reducing Health Care Costs	p. 69	MW 132-133	📍 W
9:45 - 11:15	PS106	My Cup Runneth Over: Surgeon Suffering and Burnout	p. 70	MW 2002/2004	W
9:45 - 1:00	SF02	Quality, Safety, and Outcomes I	p. 115	MN 121/124	PtS
11:30 - 1:00	PS113	Operative Access: What's Proven, What's Not	p. 72	MW 2002/2004	📍 W
1:15 - 2:15	ME105	What Is Patient-Centered Outcomes Research, and What Does It Mean to Your Practice?	p. 65	MS 208/210	PtS
1:15 - 2:15	ME107	How to Use and Interpret Molecular Genetic Studies Done on Thyroid FNA	p. 65	MS 238	
2:30 - 4:00	PS119	HIT, CPOE, HIE, and other EHR Alphabet Soup for the Practicing Surgeon	p. 74	MW 2002/2004	📍 W
2:30 - 4:00	PS121	Initiates' Program: The Rewards of the Surgical Career and Joy of Surgical Practice	p. 74	MW 3020/3022	📍 W
2:30 - 4:00	PS122	Transition to Practice in General Surgery	p. 75	MN 132-133	📍 W PtS
2:30 - 4:00	SP04	Quality, Outcomes, and Costs I; Surgical Humanitarian Outreach I	p. 106	MS 302	
2:30 - 5:45	SF06	Surgical Education I	p. 119	MN 123	
4:15 - 5:45	PS131	The Surgeon as Artist	p. 77	MW 3014/3016/3018	W
Tuesday, October 28					
7:00 - 7:45	TH04	Evidence-Based Guidelines: Improving Quality of Care or Curbing Surgeons' Independence?	p. 38	MN 134	

8:00 - 9:30	PS202	Learning from Mistakes: Teaching Transparency and Self-Reflection	p. 79	MW 2002/2004	📍 W PtS
8:00 - 9:30	PS205	Perioperative Patient Safety	p. 79	MW 3014/3016/3018	📍 W PtS
8:00 - 11:15	SF13	Quality, Safety, and Outcomes II	p. 126	MS 302	PtS
8:00 - 12:15	SC08	Social Media for Surgeons	p. 50	MW 2000	
8:00 - 3:30	DC20	How to Use ACS NSQIP®, TQIP®, CQIP, and SSR in Your Institution	p. 58	MW 2003	PtS
12:45 - 2:15	SP08	Surgical Education, Geriatric	p. 108	MS 303	
12:45 - 5:00	DC22	Team-Based Care: Integrating Health Care Professionals into Surgical Practice	p. 60	MW 2001	PtS
1:00 - 5:00	PS220	Association of Program Directors in Surgery (APDS) Panels: The Future of Graduate Medical Education Funding; Assessment of Intraoperative Skills	p. 84	MS 102	
2:30 - 4:00	PS225	Factors Shaping Surgery during the 20th Century: The Inaugural Sessions of the ACS Surgical History Group	p. 85	MS 304/306	W
2:30 - 4:00	SP09	Quality, Outcomes, and Costs II; Surgical Humanitarian Outreach II	p. 108	MN 132-133	
Wednesday, October 29					
7:00 - 7:45	TH11	An Update on ACS NSQIP®	p. 41	MS 307-310	
7:00 - 7:45	TH12	Ensuring Continuity of Care in the Era of the 80-Hour Workweek	p. 41	MS 303	
8:00 - 11:15	SF22	Surgical Education II	p. 134	MN 121-124	
8:00 - 3:30	DC23	Reorganizing Care to Optimize Outcomes: How to Start an Enhanced Recover-after-Surgery Program at Your Hospital	p. 61	MW 2000	PtS
8:30 - 5:00	DC24	Non-Technical Skills for Surgeons (NOTSS) in the Operating Room: Behaviors in High-Performing Teams	p. 62	MW 2010	PtS
9:45 - 11:15	PS312	Transition from Medical School to Surgery Residency	p. 92	MW 2002/2004	📍 W PtS
9:45 - 11:15	PS313	Managing Debt while Starting a Practice	p. 92	MS 304/306	📍 W
9:45 - 11:15	SP15	Quality, Outcomes, and Costs III; Surgical Humanitarian Outreach III	p. 111	MW 2005/2007	
12:45 - 2:15	PS314	Contemporary Management of Vascular Trauma	p. 93	MW Ballroom	📍 W PtS, T
2:30 - 4:00	PS326	Gaming in Patient Care and Surgical Education	p. 97	MS 304/306	📍 W
2:30 - 5:45	SF27	Quality, Safety, and Outcomes III	p. 138	MS 303	PtS
4:15 - 5:45	PS333	Innovation and Invention in Surgery: From Concept to Market	p. 99	MW 2002/2004	📍 W
Thursday, October 30					
7:00 - 7:45	TH15	An Update on the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program	p. 42	MN 130-131	
8:00 - 11:15	SF30	Quality, Safety, and Outcomes IV	p. 141	MN 121/124	PtS

8:00 - 9:30	PS405	Surgical Critical Care Workforce: 2014 and Beyond	p. 102	MS 102	
9:45 - 11:15	PS408	The Great Work/Life Debates	p. 103	MN 132-133	
9:45 - 11:15	PS410	How Can I Get Credentialed for Something I've Never Done Before?	p. 104	MN 130-131	
ETHICS (ETH)					
Monday, October 27					
1:15 - 2:15	ME106	Helping Surgeons Resolve Conflicts About End-of-Life Decisions	p. 65	MS 258/260	
Tuesday, October 28					
7:00 - 7:45	TH01	Ethical Issues Associated with Publicly Reporting 30-Day Mortality Statistics	p. 38	MS 305	
2:30 - 5:45	PS226	Ethics Colloquium: Ethical Allocation of Health Care Resources	p. 86	MW 2004/2006	
Wednesday, October 29					
9:45 - 10:45	NL10	Ethics and Philosophy Lecture	p. 44	MN 132-133	
12:45 - 2:15	SF23	Ethics	p. 135	MS 303	
GENERAL SURGERY (GEN)					
Saturday, October 25					
8:00 - 3:30	DC12	High-Risk Breast Cancer Management from A to Z	p. 52	MW 2001	
9:00 - 4:30	DC13	Robotic Surgery for Gastrointestinal Operations: Program Planning, Approaches, and Applications	p. 53	MW 2003	
Sunday, October 26					
8:00 - 4:00	DC14	Emergency General Surgery Update	p. 54	MW 2003	
8:00 - 5:30	SC02	Flexible Endoscopy for General Surgeons	p. 46	MW 2005/2007	
1:00 - 5:15	SC04A	Measurement and Analysis to Transform Surgical Care (Part A)	p. 48	MW 2000	
Monday, October 27					
9:45 - 11:15	PS100	Laparoscopic Cholecystectomy: A Nickel-and-Dime Operation with a Million Dollar Complication	p. 68	MS 307-310	
9:45 - 11:15	PS102	The Gut Microbiome: A Surgeon's Hostile Adversary or Secret Savior	p. 68	MW 3014/3016/3018	
9:45 - 11:15	PS104	Image-Guided Surgery: Progress and Promise	p. 69	MS 304/306	
9:45 - 11:15	SP01	Bariatric Surgery	p. 105	MS 302	
9:45 - 11:15	VE01	Controversies in General Surgery	p. 143	MN 135	
9:45 - 1:00	SF01	Alimentary Tract I	p. 114	MN 122/125	
9:45 - 1:00	VE04	General Surgery I	p. 145	MW 3020/3022	
9:45 - 2:00	SC05	Ultrasound for Pediatric Surgeons	p. 48	MW 2020/2022	
9:45 - 5:15	SC04B	Measurement and Analysis to Transform Surgical Care (Part B)	p. 48	MW 2000	
10:00 - 5:30	DC18-1	General Surgery Review Course	p. 57	MW 2005/2007	
11:30 - 1:00	PS108	Standard of Care for Breast Cancer: A Moving Target	p. 70	MS 307-310	
11:30 - 1:00	PS109	Ventral Hernia Repair: Challenges and Solutions	p. 71	MW Ballroom	



























11:30 - 1:00	PS110	Desperate Situations: Close Encounters of a Rural Kind	p. 71	MN 132-133	
11:30 - 1:00	PS111	Diagnosis and Treatment of Gynecologic Causes of the Acute Abdomen	p. 71	MS 304/306	
11:30 - 1:00	PS113	Operative Access: What's Proven, What's Not	p. 72	MW 2002/2004	
11:30 - 1:00	PS115	Advanced Thyroid and Parathyroid Ultrasound	p. 72	MW 3014/3016/3018	
11:30 - 1:00	SP02	Endocrine	p. 105	MN 123	
11:30 - 1:00	SP03	Liver/Biliary Tract/Pancreas I	p. 106	MS 303	
12:30 - 4:45	DC19	Maintenance of Certification Review: Essentials for Surgical Specialties	p. 58	MW 2010	
1:15 - 2:15	ME101	Evidence-Based Treatment of Incisional Hernias	p. 65	MS 236	
1:15 - 2:15	ME102	Antireflux Gadgets and Gimmicks	p. 65	MS 224	
1:15 - 2:15	ME103	Best Approaches to Nipple-Sparing Mastectomy	p. 65	MS 222	
1:15 - 2:15	ME104	Crohn's Disease: Bring Your Toughest Cases	p. 65	MS 220	
1:15 - 2:15	ME108	Lymphedema after Breast Surgery	p. 65	MS 232	
1:15 - 2:15	ME109	Medullary Thyroid Carcinoma 101: What Do You Need to Know?	p. 65	MS 230	
1:15 - 2:15	ME110	Minimally Invasive Parathyroidectomy: How I Do It	p. 65	MS 226	
1:15 - 2:15		Open Mic: Advocating for Global Surgery	p. 37	MW 3024	
2:30 - 4:00	PS116	Gastric Cancer: Current Management	p. 73	MS 307-310	
2:30 - 4:00	PS117	Evolving Concepts in the Management of Diverticulitis	p. 73	MW Ballroom	
2:30 - 4:00	PS120	Resuscitation of the Surgical Patient	p. 74	MW 3014/3016/3018	
2:30 - 5:45	PS123	Latin America Day: Complications in Surgery	p. 75	MW 2006/2008	
2:30 - 5:45	VE05	Challenging and Unusual Problems in Surgery	p. 146	MN 135	
4:15 - 5:45	PS125	The Disaster Abdomen: Problems of an Open Abdomen, Enterotomospheric Fistulas, and Beyond	p. 76	MW Ballroom	
4:15 - 5:45	PS126	Challenges in the Surgical Treatment of Crohn's Disease	p. 76	MS 307-310	
4:15 - 5:45	PS127	Soft-Tissue Sarcoma: What the General Surgeon Needs to Know	p. 76	MN 132-133	
4:15 - 5:45	PS129	Surgical Hospitalists, Shift Coverage, and Advanced Practice Partners: The Changing Face of Trauma Care?	p. 77	MW 2002/2004	
6:30 - 8:30	VE06	Clinical Workshop Through Video	p. 146	Hilton Grand Ballroom A	
Tuesday, October 28					
7:00 - 7:45	TH04	Evidence-Based Guidelines: Improving Quality of Care or Curbing Surgeons' Independence?	p. 38	MN 134	
7:00 - 7:45	TH05	The Surgeon Specific Registry (SSR) for the Practicing Surgeon	p. 39	MS 307-310	
8:00 - 11:15	SF11	Critical Care I/Basic Biology	p. 124	MS 303	
8:00 - 11:15	SF15	Transplantation and Tissue Engineering	p. 128	MN 120	































* For a description of this session, please see the page number noted.

8:00 - 9:30	PS200	Management of Bariatric Surgical Complications	p. 78	MS 307-310	👤 (W) PtS
8:00 - 9:30	PS201	Laparoscopic Procedures for Acute Abdominal Emergencies	p. 78	MW Ballroom	👤 (W) PtS, T
8:00 - 9:30	PS203	Enrolling Patients on Cancer Clinical Trials: The Nuts and Bolts	p. 79	MS 102	(W)
8:00 - 9:30	SP06	General Surgery I; Miscellaneous	p. 107	MS 305	
8:00 - 9:30	VE07	Pancreas Surgery	p. 147	MN 135	
8:00 - 3:30	DC18-2	General Surgery Review Course	p. 57	MW 2005/2007	
8:00 - 3:30	DC20	How to Use ACS NSQIP®, TQIP®, CQIP, and SSR in Your Institution	p. 58	MW 2003	PtS
8:15 - 5:45	DC21	Vascular Surgery for General Surgeons	p. 50	MW 2010	
9:45 - 10:45	NL06	Excelsior Surgical Society/Edward D. Churchill Lecture	p. 44	MN 132-133	👤, T
9:45 - 11:15	PS207	Necrotizing Pancreatitis: The Devil Is in the Details	p. 80	MW Ballroom	👤 (W) PtS
9:45 - 11:15	PS208	Abnormal Mammograms: What's Next?	p. 80	MN 135	👤 (W)
9:45 - 11:15	PS210	Safe Energy Use in the Operating Room	p. 81	MW 2002/2004	👤 (W) PtS
9:45 - 11:15	PS211	Primer on Thoracic Oncology Principles	p. 81	MS 304/306	👤 (W)
9:45 - 11:15	PS212	Is Private Practice Dead? Private Practice vs. Hospital Employment	p. 81	MW 3014/3016/3018	👤 (W)
9:45 - 11:15	PS213	Contemporary Management of Aerodigestive Tract Foreign Bodies	p. 82	MS 102	👤 (W) PtS
9:45 - 11:15	VE09	Subject-Oriented Symposium I: Spectacular Hernias A to Z	p. 148	MW 2006/2008	
9:45 - 11:15	VE10	Subject-Oriented Symposium II: Heroes in Surgery: Our Legacy	p. 148	MW 3020/3022	
11:30 - 12:30	ME201	A Framework for Conducting Quality Improvement Projects in a Cancer Surgical Practice	p. 66	MS 258/260	PtS
11:30 - 12:30	ME203	Management of the Axilla in T1 or T2 Breast Cancer	p. 66	MS 250	
11:30 - 12:30	ME206	Diverticulitis Decision Making for the Acute Care Surgeon	p. 66	MS 212	PtS
11:30 - 12:30	ME207	Enteral Access for Nutrition: Tips and Tricks	p. 66	MS 222	
11:30 - 12:30	ME208	Evaluation and Management of Pancreatic Cysts	p. 66	MS 228	
11:30 - 12:30	ME210	Is My Patient Frail? Assessment and Clinical Implications for Cancer Surgery	p. 66	MS 224	PtS
11:30 - 12:30	ME211	Laparoscopic Hernia Repair: My Tips and Techniques	p. 66	MS 256	
11:30 - 12:30	ME212	Early Post-Laparoscopic Cholecystectomy Abdominal Pain	p. 66	MS 200	PM
11:30 - 12:30	ME213	Necrotizing Soft-Tissue Infections	p. 66	MS 226	PtS
11:30 - 12:30	ME214	Neuroendocrine Tumors of the Pancreas 101: What Do I Need to Know?	p. 66	MS 238	
12:45 - 2:15	PS214	IPMN: What Is Behind the Letters?	p. 82	MS 304/306	👤 (W)
12:45 - 2:15	PS215	Abdominal Wall Reconstruction: Choosing the Right Procedure and Materials	p. 82	MW Ballroom	👤 (W)

12:45 - 2:15	PS216	Evaluation and Management of Incidentally Discovered Liver Masses	p. 83	MW 3014/3016/3018	👤 (W)
12:45 - 2:15	PS218	Human Genomics and Personalized Medicine in Surgical Practice	p. 83	MN 132-133	👤 (W)
12:45 - 2:15	PS219	Controversies in Obesity Surgery in Adolescents	p. 84	MW 2002/2004	👤 (W)
12:45 - 2:15	VE12	Movie Classics from the Past	p. 148	MW 2006/2008	
12:45 - 4:00	VE13	General Surgery II	p. 149	MN 135	
2:30 - 3:30	NL08	Olga M. Jonasson Lecture	p. 44	MN 134	👤
2:30 - 4:00	PS221	Status of Nipple-Sparing Mastectomy: Evidence and Controversies	p. 84	MW Ballroom	👤 (W)
2:30 - 4:00	PS223	The Environmentally Responsible Surgical Practice	p. 85	MW 2006/2008	(W)
2:30 - 4:00	PS224	Contemporary Issues with Access for Hemodialysis	p. 85	MN 130-131	👤 (W)
2:30 - 4:00	PS225	Factors Shaping Surgery during the 20th Century: The Inaugural Session of the ACS Surgical History Group	p. 85	MS 304/306	(W)
2:30 - 5:45	SF17	Alimentary Tract II	p. 130	MN 122/125	
4:15 - 5:45	PS228	Management of Common Thoracic Trauma	p. 86	MS 307-310	👤 (W) PtS, T
4:15 - 5:45	PS229	Burn Update for the General Surgeon	p. 87	MN 135	👤 (W) PtS, T
4:15 - 5:45	PS232	Educating Patients about Ostomies, Tubes, Wounds, and Lines = Quality	p. 87	MS 304/306	👤 (W) PtS
4:15 - 5:45	SP11	Transplantation	p. 109	MW 2003	
4:15 - 5:45	SP12	Urology; Perioperative	p. 110	MW 3020/3022	
4:15 - 5:45	VE14	Hepatobiliary Surgery I	p. 149	MW 2006/2008	
6:30 - 8:30	VE15	Best Videos from the Past	p. 150	Hilton Grand Ballroom A	
Wednesday, October 29					
7:00 - 7:45	TH06	Optimal Resources for Children's Surgical Care: What It Means to Surgeons Who Operate on Children	p. 40	MN 134	
8:00 - 9:30	PS300	The Toughest Trauma Case I Ever Had: Learn from the Experts	p. 88	MW Ballroom	👤 (W) PtS, T
8:00 - 9:30	PS302	Sports Hernia: Fantasy or Reality?	p. 89	MS 307-310	👤 (W)
8:00 - 9:30	PS304	Vascularized Composite Allotransplantation: From Faces to Hands	p. 89	MS 304/306	👤 (W)
8:00 - 9:30	VE16	Subject-Oriented Symposium III: Complications in General Surgery	p. 150	MN 135	
8:00 - 11:15	SF20	Alimentary Tract III	p. 132	MS 303	
8:00 - 11:15	SF21	Critical Care II/Clinical Studies	p. 133	MN 122/125	T
8:00 - 11:15	VE19	Subject-Oriented Symposium IV: Atlas Showcase: Pancreas Surgery Volume	p. 152	MN 130-131	
8:00 - 3:30	DC23	Reorganizing Care to Optimize Outcomes: How to Start an Enhanced Recover-after-Surgery Program at Your Hospital	p. 61	MW 2000	PtS

* For a description of this session, please see the page number noted.

9:00 - 4:30	DC26	Contemporary Management of Common Anorectal Problems	p. 63	MW 2001	
9:45 - 11:15	PS307	Gastrointestinal Stromal Tumors: Update on Resection and Oncologic Management	p. 91	MW Ballroom	 
9:45 - 11:15	PS308	The Toughest Emergency Case I Ever Had: Learn from the Experts	p. 91	MS 307-310	  PtS, T
9:45 - 11:15	PS309	ACS NSQIP®—A Quality Improvement Program that Improves Outcome and Reduces Costs	p. 91	MW 3020/3022	  PtS
9:45 - 11:15	PS311	Childhood Surgical Conditions into Adulthood: The Surgeon's Role in Long-Term Care and Transitions	p. 92	MS 305	 
9:45 - 11:15	VE20	Endocrine Surgery	p. 152	MW 2006/2008	
11:30 - 12:30	ME301	Addressing Chronic Pain Following Inguinal Hernia Repair	p. 66	MS 250	PM
11:30 - 12:30	ME303	Approaches to Acute Pancreatitis	p. 66	MS 228	PtS
11:30 - 12:30	ME304	Complex Abdominal Trauma	p. 66	MS 200	PtS, T
11:30 - 12:30	ME305	Minimally Invasive Treatment for Pancreatic Debridement	p. 67	MS 212	PtS, T
11:30 - 12:30	ME306	Fixation of Rib Fractures	p. 67	MS 238	PtS, T
11:30 - 12:30	ME307	Gastric Cancer: Current Techniques and Controversies	p. 67	MS 226	
11:30 - 12:30	ME309	Laparoscopic and Robotic Surgery for the Pancreas: Is It for Me?	p. 67	MS 208/210	PtS
11:30 - 12:30	ME310	Liver Resections: My Toughest Cases	p. 67	MS 258/260	
11:30 - 12:30	ME311	Breast Cancer Management in 2014	p. 67	MS 236	
11:30 - 12:30	ME312	Nonoperative Management of Appendicitis	p. 67	MS 262	
11:30 - 12:30	ME313	Peri- and Postoperative Challenges of the Esophagectomy Patient	p. 67	MS 220	
11:30 - 12:30	ME315	Abdominal Compartment Syndrome	p. 67	MS 224	
12:45 - 2:15	PS315	Are We Doing Too Many Mastectomies?	p. 93	MS 307-310	 
12:45 - 2:15	PS316	What Happened to the General Surgeon? Is Subspecialty Training the Only Path to Survival?	p. 93	MW 3014/3016/3018	 
12:45 - 2:15	PS317	Parathyroidectomy for Primary Hyperparathyroidism	p. 94	MN 134	 
12:45 - 4:00	VE22	International Session	p. 153	MS 305	
2:30 - 4:00	PS321	A Night on Call in the Surgical ICU: Case Panel	p. 95	MW Ballroom	  PtS, T
2:30 - 4:00	PS322	Preoperative Staging and Treatment of Resectable Pancreatic Adenocarcinoma	p. 96	MS 307-310	 
2:30 - 4:00	PS323	The Hospital Says You Are an "Expensive" Surgeon: What's Next?	p. 96	MN 134	 
2:30 - 4:00	PS327	Cultural Competency	p. 97	MW 2002/2004	 
2:30 - 4:00	VE24	Trauma	p. 154	MW 3020/3022	
2:30 - 5:45	VE26	General Surgery III	p. 155	MW 2006/2008	
4:15 - 5:45	PS328	Melanoma in 2014: What Does the Surgeon Need to Know?	p. 97	MW Ballroom	 
4:15 - 5:45	PS329	Multi-Organ Pelvic Trauma: Current Management	p. 98	MS 307-310	  PtS, T

4:15 - 5:45	PS330	Airway Emergencies for the General Surgeon	p. 98	MN 135	  PtS, T
4:15 - 5:45	PS331	Metabolic Surgery: Current State of the Role of Surgery in the Treatment of Type 2 Diabetes Mellitus	p. 98	MW 3014/3016/3018	 
4:15 - 5:45	PS334	High-Risk Perioperative Patient Populations: Avoiding Adverse Events	p. 99	MS 304/306	  PtS, T
4:15 - 5:45	PS335	Controversies Over the Extent of Surgery and Treatment for Well-Differentiated Thyroid Cancer	p. 99	MN 134	 
4:15 - 5:45	SP19	Liver/Biliary Tract/Pancreas II; Trauma Surgery II	p. 112	MS 102	
Thursday, October 30					
8:00 - 9:30	PS400	Ten Hot Topics in General Surgery	p. 100	MS 307-310	 
8:00 - 9:30	PS402	Current State of Endovascular Thoracic Aortic and Aortic Valve Technology	p. 101	MN 132-133	 
8:00 - 9:30	PS403	Robotics for General Surgeons: What's Proven, What's Not	p. 101	MN 134	  PtS
8:00 - 9:30	PS404	Management of Complications in Mandible Fracture Treatment	p. 101	MS 303	  PtS, T
8:00 - 9:30	PS412	At the Tipping Point: A Decade of High-Impact Research from Jacobson Promising Investigator Awardees	p. 102	MS 305	
8:00 - 9:30	SP20	General Surgery II; Obstetric and Gynecology	p. 113	MN 120	
8:00 - 9:30	VE27	Hepatobiliary Surgery II	p. 156	MN 130-131	
8:00 - 11:15	VE28	Bariatric Surgery	p. 156	MN 135	
9:45 - 11:15	PS407	Laparoscopic Gastroesophageal Junction Surgery: Still Indicated After All These Years?	p. 103	MN 134	 
9:45 - 11:15	PS409	Ultrasound for Surgeons	p. 103	MS 307-310	 
9:45 - 11:15	PS411	Better Outcomes through Pre-operative Optimization: Getting Your Patients Strong for Surgery	p. 104	MS 304/306	  PtS
GERIATRIC/PALLIATIVE CARE (GER)					
Monday, October 27					
9:45 - 11:15	PS106	My Cup Runneth Over: Surgeon Suffering and Burnout	p. 70	MW 2002/2004	
1:15 - 2:15	ME106	Helping Surgeons Resolve Conflicts About End-of-Life Decisions	p. 65	MS 258/260	E, PA
2:30 - 4:00	PS118	Death, Dying, and Palliative Care in the Surgical Service	p. 73	MS 304/306	  PtS, PA
Tuesday, October 28					
12:45 - 2:15	SP08	Surgical Education; Geriatric	p. 108	MS 303	
Wednesday, October 29					
12:45 - 2:15	PS318	Clinical Practice Guidelines for Postoperative Delirium	p. 94	MS 304/306	  PtS, T
2:30 - 5:45	SF25	Geriatric Surgery and Palliative Care	p. 137	MN 122/125	PA
4:15 - 5:45	PS334	High-Risk Perioperative Patient Populations: Avoiding Adverse Events	p. 99	MS 304/306	  PtS, T

* For a description of this session, please see the page number noted.

HEALTH POLICY: PRACTICE MANAGEMENT/ REIMBURSEMENT/LIABILITY ISSUES (HP)					
Sunday, October 26					
8:30 - 4:00	DC15	Introduction to CPT, ICD-10-CM, and Evaluation and Management Coding: 2014 Basic Coding Workshop	p. 55	MW 2001	
Monday, October 27					
9:45 - 11:15	PS105	The Surgeon's Role in Reducing Health Care Costs	p. 69	MN 132-133	📍 (W)
9:45 - 1:00	SF02	Quality, Safety, and Outcomes I	p. 115	MN 121/124	PtS
9:45 - 5:15	DC17	Mastering General Surgery Coding: Advanced Coding Workshop	p. 56	MW 2003	
11:30 - 1:00	PS112	An Update on Health Care Reform	p. 71	MN 135	📍 (W)
1:15 - 2:15	ME112	The Relationship and Role of the Surgeon in Designing and Implementing ACOs	p. 65	MS 262	
2:30 - 4:00	PS121	Initiates' Program: The Rewards of the Surgical Career and Joy of Surgical Practice	p. 74	MW 3020/3022	📍 (W)
Tuesday, October 28					
7:00 - 7:45	TH03	Surgery and Politics: What Young Surgeons Need to Understand	p. 38	MN 135	
8:00 - 11:15	SF13	Quality, Safety, and Outcomes II	p. 126	MS 302	PtS
11:30 - 12:30	ME204	Bundling Payment in Surgical Services	p. 66	MS 208/210	
11:30 - 12:30	ME215	The Reality of Starting a New Line of Service: Keys to Success	p. 66	MS 220	
12:45 - 5:00	DC22	Team-Based Care: Integrating Health Care Professionals into Surgical Practice	p. 60	MW 2001	PtS
2:30 - 4:00	PS223	The Environmentally Responsible Surgical Practice	p. 85	MW 2006/2008	(W)
Wednesday, October 29					
7:00 - 7:45	TH07	Personal Finances and Risk Mitigation for Residents and Fellows	p. 40	MN 135	
7:00 - 7:45	TH09	Surgical Advocacy: Why It Is Important and How to Be Effective	p. 40	MN 132-133	
8:00 - 9:30	PS305	Medicare's Approach to Value-Based Purchasing: Aligning E-Rx, PQRS, and EHR with the New Medicare Value-Based Payment Modifier	p. 90	MW 2002/2004	📍 (W)
9:45 - 11:15	PS313	Managing Debt while Starting a Practice	p. 92	MS 304/306	📍 (W)
11:30 - 12:30	ME309	Laparoscopic and Robotic Surgery for the Pancreas: Is It for Me?	p. 67	MS 208/210	PtS
2:30 - 4:00	PS323	The Hospital Says You Are an "Expensive" Surgeon: What's Next?	p. 96	MN 134	📍 (W)
2:30 - 5:45	SF27	Quality, Safety, and Outcomes III	p. 138	MS 303	PtS
Thursday, October 30					
7:00 - 7:45	TH16	Update on Payment Issues	p. 42	MN 132-133	
8:00 - 11:15	SF30	Quality, Safety, and Outcomes IV	p. 141	MN 121/124	PtS
9:45 - 11:15	PS406	What's New in Advocacy and Health Policy: Top Ten Advances in the Past Year	p. 102	MS 102	📍 (W)

9:45 - 11:15	PS411	Better Outcomes through Pre-operative Optimization: Getting Your Patients Strong for Surgery	p. 104	MS 304/306	📍 (W) PtS
SURGICAL HUMANITARIAN OUTREACH (HUM)					
Monday, October 27					
9:45 - 12:15	PS107	Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2014 Volunteerism and Humanitarian Award Winners	p. 70	MS 102	(W)
2:30 - 4:00	SP04	Quality, Outcomes, and Costs I; Surgical Humanitarian Outreach I	p. 106	MS 302	
2:30 - 5:45	SF04	Global Surgery	p. 117	MW 122/125	
4:15 - 5:45	PS130	Oncology Care and Screening: How Feasible Is It and Why Aren't Nations Doing It?	p. 77	MW 3020/3022	📍 (W)
Tuesday, October 28					
2:30 - 4:00	SP09	Quality, Outcomes, and Costs II; Surgical Humanitarian Outreach II	p. 108	MN 132-133	
Wednesday, October 29					
8:30 - 5:30	SC11	Humanitarian Surgery: Surgical Skills Training for the International Volunteer Surgeon	p. 51	MW 2024	PtS
9:45 - 11:15	SP15	Quality, Outcomes, and Costs III; Surgical Humanitarian Outreach III	p. 111	MW 2005/2007	
INFORMATICS (INFO)					
Monday, October 27					
10:00 - 5:15	SC06	Telemedicine: The Rapidly Expanding Field of Video-Based Telemedicine Health Care	p. 49	MW 2009/2011	PtS
2:30 - 4:00	PS119	HIT, CPOE, HIE, and other EHR Alphabet Soup for the Practicing Surgeon	p. 74	MW 2002/2004	📍 (W)
Thursday, October 30					
8:00 - 11:15	SF29	Innovative Clinical Technology	p. 140	MN 122/125	PtS
INTERNATIONAL (INT)					
Monday, October 27					
9:45 - 12:15	PS107	Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2014 Volunteerism and Humanitarian Award Winners	p. 70	MS 102	(W)
1:15 - 2:15		Open Mic: Advocating for Global Surgery	p. 37	MW 3024	
2:30 - 5:45	PS123	Latin America Day: Complications in Surgery	p. 75	MW 2006/2008	(W)
2:30 - 5:45	SF04	Global Surgery	p. 117	MN 122/125	
4:15 - 5:45	PS130	Oncology Care and Screening: How Feasible Is It and Why Aren't Nations Doing It?	p. 77	MW 3020/3022	📍 (W)
Tuesday, October 28					
4:15 - 5:45	PS233	Emergency Surgery Around the World	p. 88	MN 134	📍 (W) PtS, T
Wednesday, October 29					
8:00 - 9:00	NL09	Distinguished Lecture of the International Society of Surgery	p. 44	MN 132-133	📍

12:45 - 4:00	PS320	The ACS International Scholars and Travelers 2014	p. 95	MW 2000–2005	W
12:45 - 4:00	VE22	International Video Session	p. 153	MS 305	
NEUROSURGERY (NEU)					
Monday, October 27					
2:30 - 3:30	NL03	Charles G. Drake History of Surgery Lecture	p. 43	MN 134	T
Tuesday, October 28					
8:00 - 9:30	PS203	Enrolling Patients on Cancer Clinical Trials: The Nuts and Bolts	p. 79	MS 102	W
12:45 - 2:15	VE11	Neurological Surgery	p. 148	MW 3020/3022	
2:30 - 4:00	SP10	Trauma Surgery I; Neurosurgery	p. 109	MW 3020/3022	
2:30 - 5:45	SF16	2014 Surgical Forum Dedication/Excellence in Research Awards Distribution (2:30-3:00); NS/OB-GYN/ORT Scientific presentations (3:00-5:45)	p. 129	MN 121/124	
4:15 - 5:45	PS231	Zoning in on Neck Injury: The Multimodality Treatment of Penetrating and Blunt Trauma to the Neck	p. 87	MN 130–131	T, W
Wednesday, October 29					
12:45 - 2:15	PS318	Clinical Practice Guidelines for Postoperative Delirium	p. 94	MS 304/306	T, W
2:30 - 4:00	PS324	Head Injury in the Polytrauma Patient: How Can We Make It Better?	p. 96	MW 3014/3016/3018	T, W
OBSTETRICS AND GYNECOLOGY (OBG)					
Monday, October 27					
11:30 - 1:00	PS111	Diagnosis and Treatment of Gynecologic Causes of the Acute Abdomen	p. 71	MS 304/306	T, W
4:15 - 5:45	PS124	HPV Disease: From Oral Cavity to Anus	p. 75	MS 304/306	T, W
Tuesday, October 28					
8:00 - 9:30	VE08	Obstetrics and Gynecology	p. 147	MW 3020/3022	
9:45 - 11:15	PS209	Getting Out of Trouble in the Pelvis	p. 81	MS 307–310	T, W
2:30 - 5:45	SF16	2014 Surgical Forum Dedication/Excellence in Research Awards Distribution (2:30-3:00); NS/OB-GYN/ORT Scientific presentations (3:00-5:45)	p. 129	MN 121/124	
Thursday, October 30					
8:00 - 9:30	SP20	General Surgery II; Obstetrics and Gynecology	p. 113	MN 120	
SURGICAL ONCOLOGY (ONC)					
Saturday, October 25					
8:00 - 3:30	DC12	High-Risk Breast Cancer Management from A to Z	p. 52	MW 2001	
Monday, October 27					
8:30 - 9:30	NL01	Opening Ceremony/Martin Memorial Lecture	p. 43	MW Ballroom	
1:15 - 2:15	ME108	Lymphedema after Breast Surgery	p. 65	MS 232	
1:15 - 2:15	ME109	Medullary Thyroid Carcinoma 101: What Do You Need to Know?	p. 65	MS 230	

1:15 - 2:15	ME113	TNM Cancer Staging: Is It Still Relevant?	p. 65	MS 228	
1:15 - 2:15	ME116	Efficient Disease Management: The Geisinger Model for Cancer Care	p. 65	MS 200	
2:30 - 4:00	PS116	Gastric Cancer: Current Management	p. 73	MS 307–310	T, W
2:30 - 5:45	SF07	Surgical Oncology/Endocrine I	p. 120	MS 303	
4:15 - 5:45	PS127	Soft-Tissue Sarcoma: What the General Surgeon Needs to Know	p. 76	MN 132–133	T, W
4:15 - 5:45	SP05	Surgical Oncology	p. 107	MW 2001	
Tuesday, October 28					
8:00 - 9:30	PS203	Enrolling Patients on Cancer Clinical Trials: The Nuts and Bolts	p. 79	MS 102	W
8:00 - 11:15	SF14	Surgical Oncology/Endocrine II	p. 127	MN 122/125	
9:45 - 11:15	PS211	Primer on Thoracic Oncology Principles	p. 81	MS 304/306	T, W
11:30 - 12:30	ME201	A Framework for Conducting Quality Improvement Projects in a Cancer Surgical Practice	p. 66	MS 258/260	PtS
11:30 - 12:30	ME203	Management of the Axilla in T1 or T2 Breast Cancer	p. 66	MS 250	
11:30 - 12:30	ME210	Is My Patient Frail? Assessment and Clinical Implications for Cancer Surgery	p. 66	MS 224	PtS
12:45 - 2:15	PS218	Human Genomics and Personalized Medicine in Surgical Practice	p. 83	MN 132–133	T, W
Wednesday, October 29					
8:00 - 9:30	PS301	Surgical Management of Adrenal Masses in Children and Adults	p. 88	MN 134	T, W
8:00 - 9:30	SP14	Surgical Oncology II	p. 111	MS 302	
9:45 - 11:15	PS310	Lumps, Bumps, and Sarcomas: The Aftermath of the Unplanned Sarcoma Excision and How to Avoid It	p. 91	MN 134	T, W
11:30 - 12:30	ME307	Gastric Cancer: Current Techniques and Controversies	p. 67	MS 226	
11:30 - 12:30	ME311	Breast Cancer Management in 2014	p. 67	MS 236	
12:45 - 1:45	NL11	Commission on Cancer Oncology Lecture	p. 44	MN 132–133	T
2:30 - 4:00	PS322	Preoperative Staging and Treatment of Resectable Pancreatic Adenocarcinoma	p. 96	MS 307–310	T, W
4:15 - 5:45	PS335	Controversies Over the Extent of Surgery and Treatment for Well-Differentiated Thyroid Cancer	p. 99	MN 134	T, W
Thursday, October 30					
7:00 - 7:45	TH14	Oncologic Surgery and Cancer Care for Underserved Populations	p. 42	MN 135	
8:00 - 9:30	PS401	Controversies in Surgical Oncology	p. 100	MS 304/306	T, W
9:45 - 11:15	PS413	Hepatic Resection for Metastatic Colorectal Cancer	p. 104	MS 303	W
OPHTHALMIC SURGERY (OPHTHO)					
Monday, October 27					
4:15 - 5:45	PS128	The Medical and Surgical Management of Thyroid Eye Disease	p. 77	MS 302	T, W

ORTHOPAEDIC SURGERY (ORT)					
Saturday, October 25					
9:00 - 4:30	DC13	Robotic Surgery for Gastrointestinal Operations: Program Planning, Approaches, and Applications	p. 53	MW 2003	PtS
Tuesday, October 28					
2:30 - 5:45	SF16	2014 Surgical Forum Dedication/ Excellence in Research Awards Distribution/ (2:30-3:00); NS/OB-GYN/ORT Scientific presentations (3:00-5:45)	p. 129	MN 121/ 124	
Wednesday, October 29					
9:45 - 11:15	PS310	Lumps, Bumps, and Sarcomas: The Aftermath of the Unplanned Sarcoma Excision and How to Avoid It	p. 91	MN 134	📍 W
12:45 - 2:15	SP16	Plastic and Maxillofacial Surgery; Orthopaedic Surgery	p. 111	MS 102	
OTOLARYNGOLOGY - HEAD AND NECK SURGERY (OTO)					
Monday, October 27					
9:45 - 11:15	PS103	Free-Flap Surgery: The Revolution of Reconstruction	p. 69	MS 303	📍 W
1:15 - 2:15	ME107	How to Use and Interpret Molecular Genetic Studies Done on Thyroid FNA	p. 65	MS 238	
1:15 - 2:15	ME110	Minimally Invasive Parathyroidectomy: How I Do It	p. 65	MS 226	
11:30 - 1:00	PS115	Advanced Thyroid and Parathyroid Ultrasound	p. 72	MW 3014/ 3016/3018	📍 W
4:15 - 5:45	PS124	HPV Disease: From Oral Cavity to Anus	p. 75	MS 304/ 306	📍 W
Tuesday, October 28					
8:00 - 4:30	SC10	Thyroid and Parathyroid Ultrasound	p. 51	MW 2020/ 2022	
9:45 - 11:15	PS213	Contemporary Management of Aerodigestive Tract Foreign Bodies	p. 82	MS 102	📍 W PtS
11:30 - 12:30	ME204	Bundling Payment in Surgical Services	p. 66	MS 208/ 210	
11:30 - 12:30	ME205	Current Management of Thyroid Nodules	p. 66	MS 262	
4:15 - 5:45	PS231	Zoning in on Neck Injury: The Multimodality Treatment of Penetrating and Blunt Trauma to the Neck	p. 87	MN 130- 131	📍 W PtS, T
Wednesday, October 29					
8:00 - 9:30	VE18	Otolaryngology - Head and Neck Surgery	p. 151	MW 2006/ 2008	
11:30 - 12:30	ME314	Practical Tips for Thyroidectomy	p. 67	MS 222	
12:45 - 2:15	PS317	Parathyroidectomy for Primary Hyperparathyroidism	p. 94	MN 134	📍 W
4:15 - 5:45	PS328	Melanoma in 2014: What Does the Surgeon Need to Know?	p. 97	MW Ballroom	📍 W
4:15 - 5:45	PS330	Airway Emergencies for the General Surgeon	p. 98	MN 135	📍 W PtS, T
4:15 - 5:45	PS335	Controversies Over the Extent of Surgery and Treatment for Well-Differentiated Thyroid Cancer	p. 99	MN 134	📍 W
Thursday, October 30					
8:00 - 9:30	PS404	Management of Complications in Mandible Fracture Treatment	p. 101	MS 303	📍 W PtS, T
9:45 - 11:15	PS409	Ultrasound for Surgeons	p. 103	MS 307- 310	📍 W

PEDIATRIC SURGERY (PED)					
Monday, October 27					
9:45 - 2:00	SC05	Ultrasound for Pediatric Surgeons	p. 48	MW 2020/ 2022	
1:15 - 2:15	ME111	Surgical Management of Congenital Chest Wall Deformities	p. 65	MS 212	
2:30 - 5:45	SF05	Pediatric Surgery I	p. 118	MN 121/ 124	
Tuesday, October 28					
9:45 - 11:15	PS213	Contemporary Management of Aerodigestive Tract Foreign Bodies	p. 82	MS 102	📍 W PtS
12:45 - 2:15	PS219	Controversies in Obesity Surgery in Adolescents	p. 84	MW 2002/ 2004	📍 W
2:30 - 5:45	SF18	Pediatric Surgery II	p. 131	MS 303	
Wednesday, October 29					
7:00 - 7:45	TH06	Optimal Resources for Children's Surgical Care: What It Means to Surgeons Who Operate on Children	p. 40	MN 134	
8:00 - 9:30	PS301	Surgical Management of Adrenal Masses in Children and Adults	p. 88	MN 134	📍 W
9:45 - 11:15	PS311	Childhood Surgical Conditions into Adulthood: The Surgeon's Role in Long-Term Care and Transitions	p. 92	MS 305	📍 W
12:45 - 2:15	PS319	Little Kids with Big Injuries	p. 94	MW 2002/ 2004	📍 W PtS, T
2:30 - 4:00	PS325	Preserving Reproductive Function in Adolescents and Young Adults after Cancer and Surgery	p. 96	MS 102	📍 W
2:30 - 4:00	SP17	Pediatric Surgery	p. 112	MS 302	
2:30 - 5:45	VE25	Pediatric Surgery	p. 155	MN 130- 131	
PLASTIC AND MAXILLOFACIAL SURGERY (PLA)					
Monday, October 27					
9:45 - 11:15	PS103	Free-Flap Surgery: The Revolution of Reconstruction	p. 69	MS 303	📍 W
Tuesday, October 28					
8:00 - 11:15	SF12	Plastic and Maxillofacial Surgery I	p. 125	MN 123	
12:45 - 2:15	PS215	Abdominal Wall Reconstruction: Choosing the Right Procedure and Materials	p. 82	MW Ballroom	📍 W
2:30 - 4:00	PS221	Status of Nipple-Sparing Mastectomy: Evidence and Controversies	p. 84	MW Ballroom	📍 W
2:30 - 4:00	PS222	Fournier's Gangrene	p. 84	MS 307- 310	📍 W PtS, T
Wednesday, October 29					
8:00 - 9:30	PS304	Vascularized Composite Allotransplantation: From Faces to Hands	p. 89	MS 304/ 306	📍 W
12:45 - 2:15	SP16	Plastic and Maxillofacial Surgery; Orthopaedic Surgery	p. 111	MS 102	
2:30 - 5:45	SF26	Plastic and Maxillofacial Surgery II	p. 138	MN 123	
Thursday, October 30					
8:00 - 9:30	PS404	Management of Complications in Mandible Fracture Treatment	p. 101	MS 303	📍 W PtS, T

* For a description of this session, please see the page number noted.

RESIDENTS/MEDICAL STUDENTS (RES/MED)					
Sunday, October 26					
11:30 - 6:00		Medical Student Program, Session I	p. 35	MS 103	
3:00 - 5:30		RAS Symposium—Five-Year General Surgery Residency: Reform or Revolution?	p. 35	MN 132–133	
Monday, October 27					
9:45 - 11:15	PS104	Image-Guided Surgery: Progress and Promise	p. 69	MS 304/306	⬇️ (W)
10:00 - 6:00		Surgery Resident Program—Starting Surgical Practice: Essentials for Success	p. 36	MN 130–131	
1:00 - 6:00		Medical Student Program Session II	p. 37	MS 102	
2:30 - 4:00	PS122	Transition to Practice in General Surgery	p. 75	MN 132/133	⬇️ (W) PtS
2:30 - 5:45	SF06	Surgical Education I	p. 119	MN 123	
5:30 - 9:00		Cardiothoracic Surgery in the Future: Technology Overview for Residents and Medical Students	p. 37	SFMM Salon 8–9	
Tuesday, October 28					
7:00 - 7:45	TH03	Surgery and Politics: What Young Surgeons Need to Understand	p. 38	MN 135	
8:00 - 11:15	PS206	Spectacular Cases	p. 80	MN 134	(W)
11:30 - 12:30	ME215	The Reality of Starting a New Line of Service: Keys to Success	p. 66	MS 220	
1:00 - 5:00	PS220	Association of Program Directors in Surgery (APDS) Panels: The Future of Graduate Medical Education Funding; Assessment of Intraoperative Skills	p. 84	MS 102	
2:30 - 4:00	PS225	Factors Shaping Surgery during the 20th Century: The Inaugural Sessions of the ACS Surgical History Group	p. 85	MS 304/306	(W)
1:00 - 6:00		Medical Student Program, Session III	p. 39	MN 130–131	
4:15 - 5:45	PS232	Educating Patients about Ostomies, Tubes, Wounds, and Lines = Quality	p. 87	MS 304/306	⬇️ (W) PtS
Wednesday, October 29					
7:00 - 7:45	TH07	Personal Finances and Risk Mitigation for Residents and Fellows	p. 40	MN 135	
7:00 - 7:45	TH10	The Precarious State of GME Funding: What Is the Future?	p. 40	MS 304/306	
7:00 - 7:45	TH12	Ensuring Continuity of Care in the Era of the 80-Hour Workweek	p. 41	MS 303	
8:00 - 11:15	PS306	Surgical Jeopardy	p. 90	MW 3014/3016/3018	
9:45 - 11:15	PS312	Transition from Medical School to Surgery Residency	p. 92	MW 2002/2004	⬇️ (W) PtS
2:30 - 4:00	PS326	Gaming in Patient Care and Surgical Education	p. 97	MS 304/306	⬇️ (W)
2:30 - 4:00	PS327	Cultural Competency	p. 97	MW 2002/2004	⬇️ (W)
4:15 - 5:45	PS332	Family Planning Issues in Residency and Beyond	p. 99	MW 2005/2007	⬇️ (W)

Thursday, October 30					
7:00 - 7:45	TH13	Developing the Young Surgeon Leader: Learning the Tricks of the Trade	p. 41	MN 134	
RURAL SURGERY (RUS)					
Saturday, October 25					
8:30 - 5:30	SC01	Skills for Rural Surgeons: Advanced Endoscopic Techniques and Resource Utilization	p. 46	MW 2024	
Sunday, October 26					
8:00 - 4:00	DC14	Emergency General Surgery Update	p. 54	MW 2003	PtS, T
Monday, October 27					
10:00 - 5:15	SC06	Telemedicine: The Rapidly Expanding Field of Video-Based Telemedicine Health Care	p. 49	MW 2009/2011	PtS
11:30 - 1:00	PS110	Desperate Situations: Close Encounters of a Rural Kind	p. 71	MN 132–133	⬇️ (W) PtS
1:00 - 5:15	SC07	Advanced Colonoscopy Skills Course: New Techniques for Polypectomy and Advanced Intervention	p. 49	MW 2001	
Tuesday, October 28					
8:15 - 5:45	DC21	Vascular Surgery for General Surgeons	p. 50	MW 2010	
9:45 - 11:15	PS212	Is Private Practice Dead? Private Practice vs. Hospital Employment	p. 81	MW 3014/3016/3018	⬇️ (W)
12:45 - 2:15	PS217	Evidence-Based Management of Abdominal Aortic Aneurysm	p. 83	MN 134	⬇️ (W)
4:15 - 5:45		Rural Surgeons Open Forum and Oweida Scholarship Presentation	p. 40	MN 132–133	
Wednesday, October 29					
8:00 - 9:30	PS303	The Tyranny of Distance: Interhospital Transfers—A Worldwide Issue for Quality Patient Care	p. 89	MW 3020/3022	⬇️ (W) PtS
9:00 - 4:30	DC26	Contemporary Management of Common Anorectal Problems	p. 63	MW 2001	
TRAUMA/CRITICAL CARE (TRA)					
Sunday, October 26					
8:00 - 4:00	DC14	Emergency General Surgery Update	p. 54	MW 2003	PtS, T
8:30 - 5:15	SC03	Practical Applications of Ultrasonography in the Intensive Care Unit	p. 47	MW 2020/2022	T
Monday, October 27					
11:30 - 1:00	PS114	Can't Ventilate? Can't Oxygenate? Now What?	p. 72	MN 134	⬇️ (W) PtS, T
2:30 - 4:00	PS118	Death, Dying, and Palliative Care in the Surgical Service	p. 73	MS 304/306	⬇️ (W) PtS, PA
2:30 - 4:00	PS120	Resuscitation of the Surgical Patient	p. 74	MW 3014/3016/3018	⬇️ (W) PtS, T
4:15 - 5:45	PS125	The Disaster Abdomen: Problems of an Open Abdomen, Enterotomies, and Beyond	p. 76	MW Ballroom	⬇️ (W) PtS, T

4:15 - 5:45	PS129	Surgical Hospitalists, Shift Coverage, and Advanced Practice Partners: The Changing Face of Trauma Care?	p. 77	MW 2002/2004	T
Tuesday, October 28					
8:00 - 9:30	PS201	Laparoscopic Procedures for Acute Abdominal Emergencies	p. 78	MW Ballroom	PtS, T
8:00 - 11:15	SF11	Critical Care I/Basic Biology	p. 124	MS 303	PtS, T
11:30 - 12:30	ME209	Genitourinary Trauma	p. 66	MS 230	T
12:45 - 1:30	NL07	Scudder Oration on Trauma	p. 44	MS 307-310	T
2:30 - 4:00	SP10	Trauma Surgery I; Neurosurgery	p. 109	MW 3020/3022	
4:15 - 5:45	PS228	Management of Common Thoracic Trauma	p. 86	MS 307-310	PtS, T
4:15 - 5:45	PS229	Burn Update for the General Surgeon	p. 87	MN 135	PtS, T
4:15 - 5:45	PS231	Zoning in on Neck Injury: The Multimodality Treatment of Penetrating and Blunt Trauma to the Neck	p. 87	MN 130-131	PtS, T
4:15 - 5:45	PS233	Emergency Surgery Around the World	p. 88	MN 134	PtS, T
Wednesday, October 29					
7:00 - 7:45	TH08	Prehospital Emergency Medical Systems	p. 40	MN 130-131	
7:00 - 7:45	TH12	Ensuring Continuity of Care in the Era of the 80-Hour Workweek	p. 41	MS 303	
8:00 - 9:30	PS300	The Toughest Trauma Case I Ever Had: Learn from the Experts	p. 88	MW Ballroom	PtS, T
8:00 - 11:15	SF21	Critical Care II/Clinical Studies	p. 133	MN 122/125	T
8:30 - 6:00	DC25	Annual Update in Surgical Critical Care	p. 62	MW 2003	PtS, T
9:45 - 11:15	PS308	The Toughest Emergency Case I Ever Had: Learn from the Experts	p. 91	MS 307-310	PtS, T
11:30 - 12:30	ME304	Complex Abdominal Trauma	p. 66	MS 200	PtS, T
11:30 - 12:30	ME308	Gizmos and Gadgets in the ICU	p. 67	MS 230	
12:45 - 2:15	PS314	Contemporary Management of Vascular Trauma	p. 93	MW Ballroom	PtS, T
12:45 - 2:15	PS318	Clinical Practice Guidelines for Postoperative Delirium	p. 94	MS 304/306	PtS, T
12:45 - 2:15	PS319	Little Kids with Big Injuries	p. 94	MW 2002/2004	PtS, T
2:30 - 4:00	PS324	Head Injury in the Polytrauma Patient: How Can We Make It Better?	p. 96	MW 3014/3016/3018	PtS, T
2:30 - 4:00	PS321	A Night on Call in the Surgical ICU: Case Panel	p. 95	MW Ballroom	PtS, T
2:30 - 4:00	VE24	Trauma	p. 154	MW 3020/3022	
4:15 - 5:45	PS329	Multi-Organ Pelvic Trauma: Current Management	p. 98	MS 307-310	PtS, T
4:15 - 5:45	PS330	Airway Emergencies for the General Surgeon	p. 98	MN 135	PtS, T

4:15 - 5:45	PS334	High-Risk Perioperative Patient Populations: Avoiding Adverse Events	p. 99	MS 304/306	PtS, T
4:15 - 5:45	SP19	Liver/Biliary Tract/Pancreas II; Trauma Surgery II	p. 112	MS 102	
Thursday, October 30					
8:00 - 9:30	PS405	Surgical Critical Care Workforce: 2014 and Beyond	p. 102	MS 102	T
UROLOGY (URO)					
Monday, October 27					
8:30 - 9:30	NL01	Opening Ceremony / Martin Memorial Lecture	p. 43	MW Ballroom	
2:30 - 5:45	SF08	Urology and Reproductive Surgery I	p. 121	MN 120	
Tuesday, October 28					
7:00 - 7:45	TH02	Resident Education and the Next Accreditation System (NAS): Perspective of a Phase-1 Program	p. 38	MN 132-133	
9:45 - 11:15	PS209	Getting Out of Trouble in the Pelvis	p. 81	MS 307-310	PtS
11:30 - 12:30	ME209	Genitourinary Trauma	p. 66	MS 230	T
2:30 - 4:00	PS222	Fournier's Gangrene	p. 84	MS 307-310	PtS, T
2:30 - 5:45	SF19	Urology and Reproductive Surgery II (Robotics)	p. 132	MN 120	
4:15 - 5:45	SP12	Urology; Perioperative	p. 110	MW 3020/3022	
Wednesday, October 29					
8:00 - 9:30	VE17	Urological Surgery	p. 151	MS 305	
2:30 - 4:00	PS325	Preserving Reproductive Function in Adolescents and Young Adults after Cancer and Surgery	p. 96	MS 102	
4:15 - 5:45	PS329	Multi-Organ Pelvic Trauma: Current Management	p. 97	MS 307-310	PtS, T
VASCULAR SURGERY (VAS)					
Monday, October 27					
2:30 - 5:45	SF09	Vascular Surgery I	p. 122	MS 305	
Tuesday, October 28					
8:15 - 5:45	DC21	Vascular Surgery for General Surgeons	p. 50	MW 2010	
12:45 - 2:15	PS217	Evidence-Based Management of Abdominal Aortic Aneurysm	p. 83	MN 134	
2:30 - 4:00	PS224	Contemporary Issues with Access for Hemodialysis	p. 85	MN 130-131	
Wednesday, October 29					
8:00 - 9:30	SP13	Vascular Surgery	p. 110	MW 2005/2007	
9:45 - 11:15	VE21	Vascular Surgery	p. 152	MN 135	
12:45 - 2:15	PS314	Contemporary Management of Vascular Trauma	p. 93	MW Ballroom	PtS, T
2:30 - 5:45	SF28	Vascular Surgery II	p. 139	MN 121/124	
Thursday, October 30					
8:00 - 9:30	PS402	Current State of Endovascular Thoracic Aortic and Aortic Valve Technology	p. 101	MN 132-133	

Sessions of Special Interest

Sunday, October 26

Medical Student Program - Session I

11:30 am - 6:00 pm

Location: Moscone South, Exhibit Level, Room 103

The Division of Education invites students from all four years of medical school to attend Clinical Congress and to participate in this program specially designed for those students considering a career in surgery. Programming varies from day to day, and students are welcome to attend all or selected portions of this three-day program. The program is free to American College of Surgeons Medical Student Members who register in advance. Nonmembers will be charged a nominal registration fee.

Topics discussed throughout the program will include optimizing each year in medical school to prepare for a surgical residency, choosing the surgical discipline that best suits one's personality, navigating the residency application process, and interviewing successfully. Speakers include College leaders and surgical educators at both the medical student and resident levels. Students will have the opportunity to network with specialty surgeons, surgical residents, residency program directors, and others.

Special features of Sunday's program include Lifestyle Issues in Surgery followed by a presentation by Thomas M. Krummel, MD, FACS, titled Try Again. Fail Again. Fail Better. There will be a roundtable reception with facilitators from the different surgical specialties and various practice settings.

Also incorporated into this program is the Medical Student Program Poster Session, during which 40 medical students will present their research in one of two categories: clinical, outcomes, innovation, or educational research; or basic science research. There will be a first, second, and third place award in each category.

Students enrolled in U.S., Canadian, or international allopathic or osteopathic medical schools are invited to attend this comprehensive program. For additional information, contact the Division of Education Office at the Hilton San Francisco Union Square or the Division of Education Booth at the ACS Resource Center at Moscone Center, South Hall. You may also visit our website at <http://www.facs.org/clincon2014/special/medicalstudent.html>.

SPEAKER:

Thomas M. Krummel, MD, FACS, *Stanford, CA*

Sponsored by: Committee on Medical Student Education

Focus on RAS-ACS Resident Leadership Session

11:30 am - 3:00 pm (lunch provided)

Location: Moscone North, Exhibit Level, Room 130-131

Focus on RAS is a dynamic program for Residents and Associate Fellows in which attendees will learn more about the Resident and Associate Society of the American College of Surgeons (RAS-ACS), the

only organization devoted to the needs and concerns of trainees and young surgeons in all disciplines. In addition to informational sessions on RAS-ACS and descriptions of opportunities for involvement, inspirational content on the topic of leadership will be provided by RAS-ACS Chair Robert D. Winfield, MD, and ACS President Carlos A. Pellegrini, MD, FACS, FRCSI(Hon). Please join us in this exciting session to learn more about your organization and how you can become a surgical leader.

Resident and Associate Society Symposium

3:00 - 5:30 pm

Location: Moscone North, Exhibit Level, Room 132-133

Five-Year General Surgery Residency: Reform or Revolution?

This year's RAS Symposium will feature a topic centered on the future of general surgical training. In the face of uncharted health care territory, many questions, fears, and speculation are being raised about postgraduate education. The Affordable Care Act, reimbursement, and distribution of Accreditation Council for Graduate Medical Education (ACGME) funds will have a lasting effect on surgical training. The question is how to keep up. Will residents be able to adapt or will they put up "blindness" and wait for things to return to the way they were? This session will be followed by audience questions and interaction.

The Convocation

6:00 - 8:00 pm

Location: Moscone West, Third Floor, Ballroom

PRESIDENT PRESIDING: Carlos A. Pellegrini, MD, FACS, FRCSI(Hon), *Seattle, WA*

Procession of Initiates

Procession of Officers, Regents, Governors, and Guests

Invocation

The Rev. Staci Current, Jones Memorial United Methodist Church, *San Francisco, CA*

Presentation of Initiates by Chair, Board of Regents
Julie A. Freischlag, MD, FACS, *Sacramento, CA*

Fellowship Pledge by the Secretary of the College
Edward E. Cornwell III, MD, FACS, FCCM,
Washington, DC

Conferral of Fellowship by the President of the College

Response on Behalf of New Fellows by Chair, Resident and Associate Society

Robert D. Winfield, MD, FACS, *St. Louis, MO*

Presentation of the Distinguished Service Award by the President of the College

Recipient: J. Wayne Meredith, MD, FACS,
Winston-Salem, NC

Granting of Honorary Fellowships:

Pierre-Alain Clavien, MD, PhD, FACS, FRCSEng,
FRCSEd, *Zurich, Switzerland*

Presented by Steven M. Strasberg, MD, FACS,
St. Louis, MO

Alberto R. Ferreres, MD, PhD, MPH, FACS,
Buenos Aires, Argentina

Presented by E. Christopher Ellison, MD, FACS,
Columbus, OH

O. James Garden, CBE, MD, FRCSEd, FRCPEd, FRSE,
Edinburgh, Scotland

Presented by L.D. Britt, MD, MPH, DSc(Hon),
FACS, FCCM, FRCSEng(Hon), FRCSEd(Hon),
FWACS(Hon), FRCSI(Hon), FCS(SA)(Hon),
Norfolk, VA

Antoon (Toni) Lerut, MD, FACS, FACCP, FRCSEng,
Ire(Hon), FRCSI(Hon), AFC(Hon), ASA(Hon),
Leuven, Belgium

Presented by Richard J. Finley, MD, FACS,
Vancouver, BC

Chung-Mau Lo, MB, BS, FACS, *Hong Kong, PRC*

Presented by Ronald W. Busuttil, MD, PhD,
FACS, *Los Angeles, CA*

Edgar Rodas, MD, FACS, *Cuenca, Ecuador*

Presented by Ronald C. Merrell, MD, FACS,
Mentone, AL

Presentation of the Surgical Forum Award by the
President of the College

Recipient: Michael G. Sarr, MD, FACS, *Rochester, MN*

Presentation of the Lifetime Achievement Award by
the President of the College

Recipient: Thomas R. Russell, MD, FACS,
San Francisco, CA

Installation of Officers, 2014–2015

As First Vice-President

Jay L. Grosfeld, MD, FACS, *Indianapolis, IN*

As Second Vice-President

Kenneth L. Mattox, MD, FACS, *Houston, TX*

As President

Andrew L. Warshaw, MD, FACS, FRCSEd(Hon),
Boston, MA

Presidential Address

Recession

Monday, October 27

The Opening Ceremony

8:30 - 9:00 am

Location: Moscone West, Third Floor, Ballroom

PRESIDENT PRESIDING: Andrew L. Warshaw, MD, FACS,
FRCSEd(Hon), *Boston, MA*

The Colors and the Canadian and American national anthems are presented, along with a short video highlighting the new President's theme for the year. The President introduces the College Officers and Regents, the Honorary Fellows, Past-Presidents, the recipient of the Distinguished Philanthropist Award, Special Invited Guests from national and international health care organizations, ACS Scholarship Recipi-

ents, the International Guest Scholars, and current and past recipients of the Joan L. and Julius H. Jacobson II Promising Investigator Award on the 10th anniversary of the award.

Martin Memorial Lecture sponsored by the American Urological Association (NL01): Targeting the Genetic and Metabolic Basis of Cancer

9:00 - 9:30 am



Location: Moscone West, Third Floor, Ballroom

INTRODUCER: Howard M. Snyder III, MD, FACS,
Philadelphia, PA

LECTURER: W. Marston Linehan, MD, *Bethesda, MD*

The Martin Memorial Lecture and the American Urological Association (AUA) Lecture have been combined for presentation during the Opening Ceremony of the Clinical Congress. The Martin Memorial Lecture was established in 1946 to honor Franklin H. Martin, MD, FACS, founder of the College, and his wife, Isabelle Hollister Martin. The AUA Lecture has been sponsored by the AUA since 1967 and has featured diverse topics in surgery.

Special Program for Surgery Residents: Starting Surgical Practice: Essentials for Success

10:00 am - 6:00 pm

Location: Moscone North, Exhibit Level, Room 130–131

Surgery residents from all postgraduate year levels are invited by the Division of Education to participate in a special program designed to assist surgical residents with essential nonclinical issues they face during residency training and the transitional period to their post training career. The program is free to ACS Resident Members who register in advance. Nonmembers will be charged a reduced registration fee. Featured topics will include personal financial planning and debt management, job-seeking strategies and negotiation skills, and reducing liability risks. Additionally, interactive sessions will be offered in which residents may explore different types of practice settings and other topics. Speakers will include not only leaders from surgery, but also a certified financial planner, an attorney with extensive professional liability experience, and an expert in physician career development.

Opening Remarks

Leigh A. Neumayer, MD, MS, FACS, *Tucson, AZ*,
Course Director

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*,
Director, Division of Education

Rebecca M. Minter, MD, FACS, *Ann Arbor, MI*,
Chair, Committee on Resident Education

Physician Jobs and Contracts: Selecting and
Negotiating for Your Best Career Move and Peace of
Mind

Roger G. Bonds, MBA, FMSD, CMSR, *Atlanta, GA*

Reducing Your Professional Liability Risk

Maggie M. Finkelstein, Esq., *Lancaster, PA*

Thirty Years of Surgical Practice: Lessons Learned
Along the Way

James K. Elsey, MD, FACS, *Atlanta, GA*

Accumulating, Protecting and Preserving: Building Your Financial Future

Ronald J. Paprocki, JD, CFP, CHBC, *Chicago, IL*

Special Presentation

Andrew L. Warshaw, MD, FACS, FRCSEd(Hon), ACS President, *Boston, MA*

Roundtable Discussions (Various Topics)

For additional information, contact the Division of Education Office at the Hilton San Francisco Union Square or the Division of Education Booth at the ACS Resource Center in Moscone Center, South Hall.

Medical Student Program - Session II

1:00 - 6:00 pm

Location: Moscone South, Exhibit Level, Room 102

The Division of Education invites students from all four years of medical school to attend Clinical Congress and to participate in this program specially designed for those considering a career in surgery. Programming is varied from day to day, and students are welcome to attend all or selected portions of this three-day program. The program is free to ACS Medical Student Members who register in advance. Non-members will be charged a nominal registration fee.

Topics throughout the program will include optimizing each year in medical school to prepare for a surgical residency, choosing the surgical discipline that best suits one's personality, navigating the residency application process, and interviewing successfully. Speakers include College leaders and surgical educators at both the medical student and resident levels. Students will have the opportunity to network with specialty surgeons, surgical residents, residency program directors, and others.

Special features of Monday's program include a presentation by ACS President Andrew L. Warshaw, MD, FACS, FRCSEd(Hon), a talk about the history of surgery, and a panel of students presenting their "Out of the Box" Surgery Interest Group ideas. This will be followed by a resident panel discussing decision making on the path to residency and beyond, and roundtable sessions for students to learn and practice knot tying and suturing, learn how to write a personal statement, and learn the tips and tricks of the residency application process.

Students enrolled in a U.S., Canadian, or international allopathic or osteopathic medical school are invited to attend this comprehensive program. For additional information, contact the Division of Education Office at the Hilton San Francisco Union Square or the Division of Education Booth at the ACS Resource Center at Moscone Center, South Hall. You may also visit our website at <http://www.facs.org/clincon2014/special/medicalstudent.html>.

SPEAKERS:

Andrew L. Warshaw, MD, FACS, FRCSEd(Hon), *Boston, MA*

Leo A. Gordon, MD, FACS, *Los Angeles, CA*

Justin Barr, PhD Candidate, MD Candidate, *Charlottesville, VA*

Sponsored by: Committee on Medical Student Education

Open Mic: Advocating for Global Surgery

1:15 - 2:15 pm

Location: Moscone West, Third Floor, Room 3024

TRACKS: HUM, INT

This open microphone-style forum will focus on the efforts around the world related to advocating for the integration of surgery into the global public health agenda, and is intended to facilitate ongoing consensus and collaboration. A short report format (3–5 minutes each) will be employed to allow a spectrum of existing, planned, and proposed efforts to be discussed.

Sponsored by: Operation Giving Back and the International Relations Committee

Young Fellows Association (YFA) Program

4:00 - 5:45 pm

Location: Moscone West, Third Floor, Room 3024

The Young Fellows Association (YFA) welcomes the new Initiates and Fellows who are ages 45 years or younger, or those "young at heart," to the Annual YFA Program. The YFA Program includes an overview of the association's activities by the current Chair and Vice-Chair, S. Rob Todd, MD, FACS and Michael J. Sutherland, MD, FACS; a roundtable discussion with the new ACS President Andrew L. Warshaw, MD, FACS, FRCSEd(Hon), and updates by the YFA Workgroups. The program ends with a networking reception that provides the opportunity for new Initiates and Young Fellows to interact with the College President and YFA leadership.

Cardiothoracic Surgery in the Future: Technology Overview for Residents and Medical Students

5:30 - 9:00 pm

Location: San Francisco Marriott Marquis, Ballroom 8/9

COURSE DIRECTORS:

James I. Fann, MD, FACS, Stanford University Medical Center, *Stanford, CA*

Thomas E. MacGillivray, MD, FACS, Massachusetts General Hospital, *Boston, MA*

Daniel L. Miller, MD, FACS, WellStar Healthcare, *Marietta, GA*

This course will introduce surgery residents and medical students to conventional and complex procedures performed by cardiothoracic surgeons today and provide information about upcoming new technologies and the six-year integrated cardiothoracic surgery training program. The primary focus of the session will be hands-on experience with specific cardiothoracic (CT) surgical procedures. Participants will experience and have the opportunity to perform these surgical procedures using synthetic and tissue-based simulation models. The program will be taught by cardiothoracic surgeons who are leaders in their respective fields of cardiac and general thoracic surgery. (Buffet dinner available at 5:30 pm.)

Welcome and Introductions

Thomas E. MacGillivray, MD, FACS, Massachusetts General Hospital, *Boston, MA* and James I. Fann, MD, FACS, Stanford University Medical Center, *Stanford, CA*

Projected Needs of CT Surgery

Walter H. Merrill, MD, FACS, Vanderbilt University,
Nashville, TN

Update of the Six-Year Integrated CT Surgery Programs

Richard H. Feins, MD, FACS, University of North
Carolina, Chapel Hill, NC

Wet Lab Orientation and Station Assignments**Rotating Hands-On Sessions****CARDIAC STATIONS**

Aortic Valve and Root Replacement—Thomas E.
MacGillivray, MD, FACS, Massachusetts General
Hospital, Boston, MA

Vessel Suturing—James I. Fann, MD, FACS, Stanford
University Medical Center, Stanford, CA

Mitral Valve Repair—Walter H. Merrill, MD, FACS
Vanderbilt University, Nashville, TN

OPCAB—Robert S. Higgins, MD, FACS, Ohio State
University, Columbus, OH

Transcatheter Valve Technology—Vinod H.
Thourani, MD, FACS, Emory University,
Atlanta, GA

THORACIC STATIONS

Video-Assisted Thoracoscopic Surgery Lobectomy
— Scott J. Swanson, MD, FACS, Brigham and
Women's Hospital, Boston, MA

Endoluminal Esophageal Surgery – Daniel L. Miller,
MD, FACS, WellStar Healthcare, Marietta, GA

EBUS – Felix G. Fernandez, MD, FACS, Emory
University, Atlanta, GA

Chest Wall Reconstruction/ Stabilization –
Shanda H. Blackmon, MD, FACS, Mayo Clinic,
Rochester, MN

*Sponsored by: American College of Surgeons and the
Society of Thoracic Surgeons*

Tuesday, October 28**Town Hall Meetings (No CME credit)**

7:00 - 7:45 am

TH01 Ethical Issues Associated with Publicly Reporting 30-Day Mortality Statistics

Location: Moscone South, Esplanade Level, Room 305
TRACK: ETH

MODERATOR: Gretchen M. Schwarze, MD, FACS, Madison,
WI

CO-MODERATOR: Michael S. Weinstein, MD, FACS,
Philadelphia, PA

Reconciling the goals of quality improvement with the needs of vulnerable patients is challenging, particularly for high-risk operations where hard outcomes like mortality are easily observed. Strategies to mitigate side effects of 30-day mortality reporting are required to protect the needs of surgical patients and the practices of surgeons who could make a valuable contribution to their patients' quality of life. This session will discuss the ethical issues involved with 30-day mortality profiling and consider the tension between the tremendous value of quality improve-

ment and the negative consequences of the emphasis on 30-day mortality specifically not operating on poor-risk patients and challenges honoring patient preferences about postoperative life supporting treatments.

Sponsored by: Committee on Ethics

TH02 Resident Education and the Next Accreditation System (NAS): Perspective of a Phase-1 Program

Location: Moscone North, Exhibit Level, Room 132–133
TRACKS: GEN, URO

MODERATOR: Michael Coburn, MD, FACS, Houston, TX

Urology, as a Phase 1 adopter of the NAS of the Accreditation Council for Graduate Medical Education, offers an early perspective on the changes in graduate medical education inherent in the next accreditation system. Join a program director and designated institutional official from a major academic medical center to prepare for the transition.

Sponsored by: Advisory Council for Urology

TH03 Surgery and Politics: What Young Surgeons Need to Understand

Location: Moscone North, Exhibit Level, Room 135
TRACKS: HP, RES/MED

MODERATOR: Daniel D. Klaristenfeld, MD, FACS,
San Diego, CA

CO-MODERATOR: Dinakar Golla, MD, FACS, Pittsburgh, PA

An essential component of advocacy is establishing relationships with government representatives on a local, state and national level so they can understand the issues of constituent surgeons. The longer the relationship, the more productive and meaningful it can be; so starting early is the key. How our government works and how we get involved is often intimidating and poorly understood. This panel will help young surgeons and residents understand the most pressing political issues of the American College of Surgeons on a national level and how these issues affect them on a local level. Additionally, the panel will help direct young surgeons towards resources to help them effectively participate in advocacy work.

Sponsored by: Young Fellows Association

TH04 Evidence-Based Guidelines: Improving Quality of Care or Curbing Surgeons' Independence?

Location: Moscone North, Exhibit Level, Room 134
TRACKS: EDU, GEN

MODERATOR: Kamal M.F. Itani, MD, FACS, West Roxbury,
MA

CO-MODERATOR: Haytham M.A. Kaarfarani, MD, MPH,
Boston, MA

CO-MODERATOR: Karl Y. Bilimoria, MD, FACS, Chicago, IL

Evidence-based surgery is essential to mitigate the effects of inherent or learned bias in surgeons' preference, and eventually replace preference-sensitive (and supply driven) health care delivery by patient-value driven health care delivery. When available and well-thought of, clinical practice guidelines can be a powerful tool to achieve a systematic

delivery of evidence-based surgical care and decrease non-patient warranted variation of care delivery. On the other hand, guidelines may limit surgeons' independence and ability to apply individualized patient care and use their best judgment as applicable to the specific patient in question. This session will discuss how much standardization of clinical pathways is ideal to remove non-patient-related variation of care while maintaining the space needed for individualized patient care.

Sponsored by: Surgical Research Committee

TH05 The Surgeon Specific Registry (SSR) for the Practicing Surgeon

Location: Moscone South, Esplanade Level, Room 307-310

TRACKS: GEN, HP

MODERATOR: Clifford Y. Ko, MD, MS, MSHS, FACS, FASCRS, *Chicago, IL*

CO-MODERATOR: Bianca Reyes, *Chicago, IL*

Surgeons can use the SSR to target the "regulatory items" being used to assess individual surgeons. Two of the regulatory items currently being addressed include, but are not limited to, Maintenance of Certification by the American Board of Surgery (and other boards) and the Physician Quality Reporting System by Centers for Medicare & Medicaid Services. The ACS would also like to see the SSR be utilized for The Joint Commission's Ongoing Professional Practice Evaluation program. The registry includes the most prevalent surgeries performed. Definitions for each of the negative occurrence variables have been established but are under continual review. There are approximately 20 adult procedures and 6 pediatric procedures. The SSR is a subset of the Case Log. At the conclusion of the session, there will be an opportunity for a question and answer session.

Sponsored by: Division of Research and Optimal Patient Care

Posters of Exceptional Merit Presentation

11:30 am - 12:30 pm

Location: Moscone Center, South Hall

Attendees are invited to attend a lunchtime tour and discussion of the Posters of Exceptional Merit facilitated by Program Committee Chair, Valerie W. Rusch, MD, FACS. More than 300 posters will be on display at the Clinical Congress, but only a select few are designated Posters of Exceptional Merit. Come hear the authors of these distinguished works present their innovative research and answer questions before the judges award one poster the title of Best Scientific Poster.

Medical Student Program - Session III

1:00 - 6:00 pm

Location: Moscone North, Exhibit Level, Room 130-131

The Division of Education invites students from all four years of medical school to attend Clinical Congress and to participate in this program designed

specifically for those considering a career in surgery. Programming is varied from day to day, and students are welcome to attend all or selected portions of this three-day program. The program is free to ACS Medical Student Members who register in advance. Nonmembers will be charged a nominal registration fee.

Topics throughout the program will include optimizing each year in medical school to prepare for a surgical residency, choosing the surgical discipline that best suits one's personality, and navigating the residency application process and interviewing successfully. Speakers include College leaders and surgical educators at both the medical student and resident levels.

Tuesday's program will include a presentation by the Chair of the ACS Board of Regents, Julie A. Freischlag, MD, FACS. Students will then learn the critical elements of the residency interview from a panel discussion, and will then practice their interviewing skills during an interactive session with surgeons. They will also have the opportunity to informally network with residency program directors.

Students enrolled in U.S., Canadian, or international allopathic or osteopathic medical schools are invited to attend this comprehensive program. For additional information, contact the Division of Education Office at the Hilton San Francisco Union Square or the Division of Education Booth at the ACS Resource Center at Moscone Center, South Hall. You may also visit our website at <http://www.facs.org/clincon2014/special/medicalstudent.html>.

SPEAKERS:

Julie A. Freischlag, MD, FACS, *Sacramento, CA*

Ajit K. Sachdeva, MD, FACS, FRCS, *Chicago, IL*

Sponsored by: Committee on Medical Student Education

2014 Surgical Forum Dedication and Excellence in Research Awards Distribution

2:30 - 5:45 pm

Location: Moscone North, Exhibit Level, Room 121/124

Neurosurgery/Obstetrics and Gynecology/Orthopaedic Surgery

Prior to the scientific presentations, the Surgical Forum Committee will dedicate the 2014 program to Michael G. Sarr, MD, FACS, and distribute 15 awards for excellence in research. Surgical residents and their mentors are encouraged to attend the dedication/awards distribution.

Setting Conditions for Chapter Success: A Panel Presentation and Reception for Domestic and International Chapters

3:00 - 5:00 pm

Location: Moscone West, Third Level, Room 3024

This year's chapter event at Clinical Congress will feature a short panel presentation on best practices for chapters, with panelists including Governors from the Chapter Activities Domestic Workgroup as well as a featured presenter from an ACS International Chap-

ter. Included among the panel topics will be Metrics for Chapter Success as well as other topics of current interest to chapters.

The second half of the event will be a reception for both domestic and international chapter officers and chapter executives/administrators where all will be able to network and share the news of recent chapter successes. Don't miss this opportunity to relax a bit and share ideas between Clinical Congress sessions.

This event is being hosted by the Governors Chapter Activities Domestic and International Workgroups.

Rural Surgeons Open Forum and Oweida Scholarship Presentation

4:15 - 5:45 pm

Location: Moscone North, Exhibit Level, Room 132-133

The session opens with the introduction of the 2014 Nizar N. Oweida Scholarship recipient, John M. McBee, MD, FACS, a general surgeon practicing in Pendleton, OR.

The Advisory Council for Rural Surgery (ACRS) sponsors this open forum to facilitate direct communication with rural surgeons and the ACRS. Following a brief description of the current projects of the ACRS, we will hold an open forum with all in attendance. The ACRS encourages you to bring your concerns, thoughts on education needs, coverage, call, triumphs, and so on. The ACRS is committed to being your vehicle to make change, to be your voice to ACS leadership, and to make the ACS even more relevant to your practice. The ACRS is committed to helping you provide optimal surgical care to your patients in your community.

Sponsored by: Advisory Council for Rural Surgery

Wednesday, October 29

Town Hall Meetings (No CME credit)

7:00 - 7:45 am

TH06 Optimal Resources for Children's Surgical Care: What It Means to Surgeons Who Operate on Children

Location: Moscone North, Exhibit Level, Room 134

TRACKS: GEN, PED

MODERATOR: Keith T. Oldham, MD, FACS, *Milwaukee, WI*

CO-MODERATOR: R. Lawrence Moss, MD, FACS, *Columbus, OH*

CO-MODERATOR: Craig S. Derkay, MD, FACS, *Norfolk, VA*

The American College of Surgeons has embarked on a process for designating hospitals and ambulatory surgical centers that provide surgical care for children using a model similar to that used to designate trauma centers around the nation. This Town Hall aims to provide information to surgeons of all specialties regarding the goals of this project and the anticipated changes that will be instituted in order to improve the quality of care delivered.

Sponsored by: Advisory Council for Pediatric Surgery

TH07 Personal Finances and Risk Mitigation for Residents and Fellows

Location: Moscone North, Exhibit Level, Room 135

TRACKS: RES/MED, HP

MODERATOR: Adnan A. Alseidi, MD, FACS, *Seattle, WA*

CO-MODERATOR: Jeffrey Larson, RFC, *St. Louis, MO*

Residents and Fellows struggle with debt and personal finances as they transition into practice. Understanding and alleviating personal and professional risk is another matter that many do not understand. This Town Hall will review the pillars of safe and proper risk mitigation in the setting of surgical education and practice. Principles of healthy personal finance habits will also be reviewed in a Town Hall interactive format.

Sponsored by: Young Fellows Association

TH08 Prehospital Emergency Medical Systems

Location: Moscone North, Exhibit Level, Room 130-131

TRACK: TRA

MODERATOR: Jeffrey P. Salomone, MD, FACS, *Phoenix, AZ*

CO-MODERATOR: Robert J. Winchell, MD, FACS, *Portland, ME*

This session will provide an update on the prehospital systems in the U.S. with current trends and data on what works and what does not in the prehospital system. Has the trauma system and its inclusiveness backfired on the larger academic trauma centers?

Sponsored by: Committee on Trauma

TH09 Surgical Advocacy: Why It Is Important and How to Be Effective

Location: Moscone North, Exhibit Level, Room 132-133

TRACK: HP

MODERATOR: Patrick V. Bailey, MD, FACS, *Washington, DC*

Sponsored by the Board of Directors ACSPA-SurgeonsPAC, the panel will consist of members of the Board, the staff of the DC office and, pending availability, a Member of Congress (focus will be on those who are FACS). The goals of the panel discussion will be to educate Fellows on the importance of regularly interacting with their elected representatives in a way that both educates and advocates effectively for surgical patients and surgeons. Panelists will discuss pending proposals/legislation of importance to the surgical community and provided tools for engaging their representatives on those topics. A variety of options for engaging in the political process to include visits to Members, both in district and DC, and the role of SurgeonsPAC will be included.

Sponsored by: ACSPA-SurgeonsPAC

TH10 The Precarious State of GME Funding: What Is the Future?

Location: Moscone South, Esplanade Level, Room 304/306

TRACKS: RES/MED

MODERATOR: Glenn T. Ault, MD, FACS, *Los Angeles, CA*

CO-MODERATOR: Jeanette M. Capella, MD, FACS, *Hollidaysburg, PA*

Currently, most graduate medical education (GME) is funded by Medicare which is currently in jeopardy. With the ever increasing demands on our health care system, there is not only a growing shortage of physicians, but also an increasing danger of a funding shortfall given current federal and state budget constraints. If federal funding for GME is substantially cut or even eradicated, what other sources are available to support high-quality postgraduate medical training? This session will feature speakers who can present alternative, creative multi-stakeholder means to possibly fund GME in the future. Objectives: (1) Describe how graduate medical education is currently funded; (2) list the challenges to continued adequate funding using current sources; (3) and describe alternative sources of funding for graduate medical education.

Sponsored by: Committee on Resident Education

TH11 An Update on ACS NSQIP®

Location: Moscone South, Esplanade Level, Room 307-310

TRACKS: EDU, HP

MODERATOR: Bruce L. Hall, MD, PhD, FACS, *St. Louis, MO*

CO-MODERATOR: J. Michael Henderson, MB, CHB, FACS, *Cleveland, OH*

CO-MODERATOR: Elizabeth C. Wick, MD, FACS, *Baltimore, MD*

The American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®) is a multispecialty, validated, risk-adjusted outcomes database that promotes surgical quality evaluation and improvement. The program uses clinical data and has been demonstrated to significantly improve surgical patient outcomes at participating hospitals. This Town Hall meeting will describe how hospitals can become quality leaders by participating in ACS NSQIP® and implement positive cultural change and quality improvement initiatives within the hospital setting. A discussion and question/answer period will be included in this session.

Sponsored by: Division of Research and Optimal Patient Care

TH12 Ensuring Continuity of Care in the Era of the 80-Hour Workweek

Location: Moscone South, Esplanade Level, Room 303

TRACKS: EDU, TRA

MODERATOR: Joseph V. Sakran, MD, MPH, *Boston, MA*

CO-MODERATOR: Rachel R. Kelz, MD, FACS, *Philadelphia, PA*

CO-MODERATOR: Edward W. Malin, MD, FACS, *Seattle, WA*

The 80-hour workweek restriction has dramatically changed how health care is delivered by surgical residents. Call restrictions have required an increased reliance on cross-coverage and night float systems. "Covering" physicians may not be as familiar with the details of the patient's history or hospital course as the primary provider and thus are prone to making errors in patient care. Due to the requirement for continuous in-house coverage, trauma surgeons have significant experience in ensuring continuity of care despite multiple health care providers. This session

will discuss the challenges of providing and methods for attaining quality patient care in the era of the 80-hour workweek. Such techniques include, but are not limited to, accurate, in-person hand-offs and the utilization of physician extenders.

Sponsored by: Committee on Trauma and the Resident and Associate Society

Annual Business Meeting of Members

4:15 - 5:15 pm

Location: Moscone North, Exhibit Level, Room 132-133

PRESIDENT PRESIDING: Andrew L. Warshaw, MD, FACS, FRCSEd(Hon), *Boston, MA*

Report of the Chair of the Board of Regents

Julie A. Freischlag, MD, FACS, *Sacramento, CA*

Report of the Chair of the Board of Governors

Gary L. Timmerman, MD, FACS, *Sioux Falls, SD*

Report of the Executive Director of the College

David B. Hoyt, MD, FACS, *Chicago, IL*

Report of the Chair of the Board of Directors of the ACS Foundation

Amilu Stewart, MD, FACS, *Colorado Springs, CO*

Report of the Chair of the Board of Directors of the ACSPA-SurgeonsPAC

Robert R. Bahnson, MD, FACS, *Columbus, OH*

Presentation of the Resident Award for Exemplary Teaching

The President

Presentation of the Jameson L. Chassin Award for Professionalism in General Surgery

The President

Presentation of the Joan L. and Julius H. Jacobson II Promising Investigator Award

Recipient: Carrie A. Sims, MD, MS, FACS, *Philadelphia, PA*

The President

Report of the Chair of the Nominating Committee of the Board of Governors; Announcement of Election of Regents; and the Election of Officers of the Board of Governors

James W. Fleshman, Jr., MD, FACS, *Dallas, TX*

Report of the Chair of the Nominating Committee of the Fellows; Nomination and Election of Governors and Officers of the American College of Surgeons

Mark T. Savarise, MD, FACS, *South Jordan, UT*

New business

Adjournment

Thursday, October 30

Town Hall Meetings (No CME credit)

7:00 - 7:45 am

TH13 Developing the Young Surgeon Leader: Learning the Tricks of the Trade

Location: Moscone North, Exhibit Level, Room 134

TRACKS: RES/MED

MODERATOR: Robert D. Winfield, MD, *St. Louis, MO*
 CO-MODERATOR: Vishal Bansal, MD, FACS, *San Diego, CA*
 CO-MODERATOR: Amy E. Liepert, MD, *Madison, WI*

The Resident and Associate Society of the American College of Surgeons (RAS-ACS) continues to push forward the development of young surgeons. With the incorporation of multiple specialties, the future of surgical leadership and maintenance of high-quality surgical care for the American people lies within the College. The question that remains unanswered is how do we garner the talent of the future, break down the intimidation of such a large organization, and educate trainees to develop the skill set needed to move forward? The goal of this Town Hall session will be focused on the development of the young surgeon (Residents, Associates) within the ACS, and sharing with them lessons learned and tricks of the trade.

Sponsored by: Resident and Associate Society

TH14 Oncologic Surgery and Cancer Care for Underserved Populations

Location: Moscone North, Exhibit Level, Room 135

TRACKS: GEN, ONC

MODERATOR: Waddah B. Al-Refaie, MD, FACS, *Washington, DC*

CO-MODERATOR: Michael E. Zenilman, MD, FACS, *Bethesda, MD*

CO-MODERATOR: Steven C. Stain, MD, FACS, *Albany, NY*

CO-MODERATOR: Sandra L. Wong, MD, FACS, *Ann Arbor, MI*

This Town Hall will describe the underlying factors behind disparities in care among older adults, ethnic/racial minorities and rural America. Current research lines in these three areas of disparities will be explored, and a policy and research frame to mitigate disparities across these three vulnerable populations will be proposed.

Sponsored by: Commission on Cancer

TH15 An Update on the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program

Location: Moscone North, Exhibit Level, Room 130–131

TRACKS: EDU, HP

MODERATOR: John M. Morton, MD, MPH, FACS, FASMBS, *Stanford, CA*

CO-MODERATOR: Ronald H. Clements, MD, FACS, *Nashville, TN*

This session will provide an update on the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP), a unified program of the ACS and the American Society of Metabolic and Bariatric Surgery. Requirements for participation, including the status of the new joint standards and volume thresholds, will be covered. Benefits of participating in the MBSAQIP include a process for quality improvement, eligibility to care for Medicare patients, and the ability to track outcomes with the bariatric-specific longitudinal outcomes database. At the conclusion of the session, there will be ample

opportunity for a question and answer session hosted by members of the Committee on Metabolic and Bariatric Surgery.

Sponsored by: Division of Research and Optimal Patient Care

TH16 Update on Payment Issues

Location: Moscone North, Exhibit Level, Room 132–133

TRACK: HP

MODERATOR: Lee R. Morisy, MD, FACS, *Memphis, TN*

CO-MODERATOR: Jay A. Gregory, MD, FACS, *Muskogee, OK*

So far, 2014 has seen the continued evolution of surgical payment policy in addition to the implementation of new regulations. This Town Hall will provide a forum for discussing current surgical payment issues such as the sustainable growth rate formula, value-based payment, bundled payment, accountable care organizations, the transition to International Classification of Diseases, tenth revision, and others. All surgeons, including those in private practice, employed or working at academic medical centers, are encouraged to attend given the wide-ranging impact of the current and potential changes to surgical payment.

Sponsored by: Division of Health Policy and Advocacy

Scientific Programs

Named Lectures

Monday, October 27

NL01 | 8:30 - 9:30 am

Opening Ceremony/Martin Memorial Lecture Sponsored by the American Urological Association: Targeting the Genetic and Metabolic Basis of Cancer

Location: Moscone West, Third Level, Ballroom

TRACK: URO, ONC

PRESIDING OFFICER: Andrew L. Warshaw, MD, FACS, FRCSEd(Hon), *Boston, MA*

INTRODUCER: Howard M. Snyder III, MD, FACS, *Philadelphia, PA*

LECTURER: W. Marston Linehan, MD, *Bethesda, MD*

Introduction of Honorary Fellows, recipient of the Distinguished Philanthropist Award, Officers, Regents, Past-Presidents, and Special Invited Guests.

Sponsored by: American Urological Association and alternately nominated by ACS Advisory Council for Urological Surgery and ACS Honors Committee.



W. Marston Linehan

NL02 | 9:45 - 10:45 am

John H. Gibbon, Jr., Lecture: Evolution in Lung Cancer Care: From Scalpels to Molecules

Location: Moscone North, Exhibit Level, Room 134

TRACK: CTS

PRESIDING OFFICER AND INTRODUCER: Bryan F. Meyers, MD, MPH, FACS, *St. Louis, MO*

LECTURER: Valerie W. Rusch, MD, FACS, *New York, NY*

Sponsored by: Advisory Council for Cardiothoracic Surgery



Valerie W. Rusch

NL03 | 2:30 - 3:30 pm

Charles G. Drake History of Surgery Lecture: Symbiotics and Serendipity in Aortic Trauma Management

Location: Moscone North, Exhibit Level, Room 134

TRACK: NEU

PRESIDING OFFICER AND INTRODUCER: Shelly D. Timmons, MD, PhD, FACS, FAANS, *Danville, PA*

LECTURER: Kenneth L. Mattox, MD, FACS, *Houston, TX*

Sponsored by: Advisory Council for Neurological Surgery



Kenneth L. Mattox

NL04 | 4:15 - 5:00 pm

I.S. Ravdin Lecture in the Basic and Surgical Sciences: The Human Lung: A Self-Renewing Organ

Location: Moscone North Exhibit Level, Room 134

TRACK: BTR

PRESIDING OFFICER AND INTRODUCER: Mary T. Hawn, MD, FACS, *Birmingham, AL*

LECTURER: Piero Anversa, MD, FAHA, CCNS, *Boston, MA*

Sponsored by: I.S. Ravdin Surgical Society



Piero Anversa

Tuesday, October 28

NL05 | 8:00 - 9:00 am

Herand Abcarian Lecture: Surviving and Thriving as a Surgeon: What's in Your Bag?

Location: Moscone North, Exhibit Level, Room 132-133

TRACK: CRS

PRESIDING OFFICER AND INTRODUCER: Neil H. Hyman, MD, FACS, *Burlington, VT*

LECTURER: David A. Rothenberger, MD, FACS, *Minneapolis, MN*

Sponsored by: Advisory Council for Colon and Rectal Surgery



David A. Rothenberger

NL06 | 9:45 - 10:45 am
**Excelsior Surgical Society/
 Edward D. Churchill Lecture:
 Military Surgeons and Surgeons
 in the Military**

*Location: Moscone North,
 Exhibit Level, Room 132-133*

TRACK: GEN

PRESIDING OFFICER AND INTRODUCER:
 E. Christopher Ellison, MD,
 FACS, *Columbus, OH*

LECTURER: Norman M. Rich, MD,
 FACS, *Bethesda, MD*

Sponsored by: Advisory Council for General Surgery



Norman M. Rich

NL07 | 12:45 - 1:30 pm
**Scudder Oration on
 Trauma: The Winds of War**

*Location: Moscone South,
 Esplanade Level,
 Room 307-310*

TRACK: TRA

PRESIDING OFFICER AND INTRODUCER:
 Ronald M. Stewart, MD, FACS,
San Antonio, TX

LECTURER: C. William Schwab, MD,
 FACS, FRCS, *Philadelphia, PA*

*Sponsored by: Committee on
 Trauma*



C. William Schwab

NL08 | 2:30 - 3:30 pm
**Olga M. Jonasson Lecture:
 Our Lives As Surgeons: Finding
 a Sense of Place and Purpose**

*Location: Moscone North,
 Exhibit Level, Room 134*

TRACK: GEN

PRESIDING OFFICER AND INTRODUCER:
 Rosemary A. Kozar, MD, PhD,
 FACS, *Houston, TX*

LECTURER: Barbara L. Bass, MD,
 FACS, *Houston, TX*

*Sponsored by: Women in Surgery
 Committee*



Barbara L. Bass

Wednesday, October 29

NL09 | 8:00 - 9:00 am
**Distinguished Lecture of
 the International Society of
 Surgery: Surgical Care in the
 Global Health Agenda**

*Location: Moscone North,
 Exhibit Level, Room 132-133*

TRACK: INTL

PRESIDING OFFICER AND INTRODUCER:
 Hilary A. Sanfey, MB, BCh,
 MHPE, FACS, *Springfield, IL*

LECTURER: Meena N. Cherian, MD,
Geneva, Switzerland

*Sponsored by: U.S. Chapter of the International Society
 of Surgery*



Meena N. Cherian

NL10 | 9:45 - 10:45 am
**Ethics and Philosophy
 Lecture: The Ethical Significance
 of No-Benefit Interventions**

*Location: Moscone North,
 Exhibit Level, Room 132-133*

TRACK: ETH

PRESIDING OFFICER AND INTRODUCER:
 Mark C. Weissler, MD, FACS,
Chapel Hill, NC

LECTURER: Howard Brody, MD,
 PhD, *Galveston, TX*

*Sponsored by: Committee on
 Ethics*



Howard Brody

NL11 | 12:45 - 1:45 pm
**Commission on Cancer
 Oncology Lecture: Challenge,
 Convergence, Complexity, and
 Change in Cancer Care: Are We
 Ready?**

*Location: Moscone North,
 Exhibit Level, Room 132-133*

TRACK: ONC

PRESIDING OFFICER AND INTRODUCER:
 Daniel P. McKellar, MD, FACS,
Greenville, OH

LECTURER: Carolyn C. Compton,
 MD, PhD, FCAP, *Tempe, AZ*

Sponsored by: Commission on Cancer



Carolyn C. Compton

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Postgraduate Courses

Postgraduate Courses and Fees

Only registered meeting attendees may purchase Postgraduate Course tickets. Seating capacities are limited, and ticket requests will be filled on a first-come, first-processed basis. All Postgraduate Courses require a ticket for admission. Tickets for some of the Postgraduate Courses may also be purchased on-site, subject to availability and any applicable course prerequisite requirements. Tickets may be exchanged for an alternate course prior to the start of the course and based on availability. **No refunds for Postgraduate Courses will be accepted after October 6, 2014.**

Description of Fee Categories

Fellow: A surgeon who is a Fellow of the College

Non-Fellow: A practicing physician who is not currently a member of the College

RAS: Associate Fellows, Resident Members, Medical Student Members, and Affiliate Members of the College

Non-RAS: A physician-in-training or member of the surgical team who is currently in an accredited training program or working in a surgical-related setting, but has no affiliation with the College

ACS System for Verification of Knowledge and Skills

The Board of Regents of the American College of Surgeons has approved a five-level model for verification and documentation of knowledge and skills by the Division of Education, following participation in the educational programs of the College. The model provides a framework for designing and implementing educational courses, based on principles of contemporary surgical education, and permits provision of appropriate documentation to the attendees.

The courses offered at the Clinical Congress have been assigned Verification Levels I–III, based on the requirements of each level.

		Requirement(s)
Level I	Verification of attendance	Course ticket and course evaluation form
Level II	Verification of satisfactory completion of course objectives	Pre- and posttest* and course evaluation
Level III	Verification of knowledge and skills	Pre- and posttest* AND skills report card; and course evaluation
Level IV	Verification of preceptor experience	Not available at Clinical Congress
Level V	Verification of satisfactory patient outcomes	Not available at Clinical Congress

* Passing grade of 75 percent or higher is required on the posttest.

Postgraduate Courses Verification of Completion

All Postgraduate Courses with a designated Verification Level of II and III have a Self-Assessment component toward Maintenance of Certification (MOC) Part 2. All requirements of these postgraduate courses, as outlined above, must be completed in order to receive *AMA PRA Category 1 Credit(s)*TM and count for Self-Assessment credits toward Part 2 of the ABS MOC Program. All Self-Assessment must be completed no later than 10 days after the close of the Clinical Congress.

Verification of completion of all requirements for Postgraduate Courses will be completed following the conclusion of Clinical Congress. Please allow up to 4–6 weeks for notification to claim certificates.

Index to Postgraduate Courses

Admission to any Postgraduate Course is by ticket only (see page 7). Subject to availability, tickets may be purchased on-site for selected courses at the registration area at the Moscone Center.

SC: Skills Course

DC: Didactic Course

SC01	Skills for Rural Surgeons: Advanced Endoscopic Techniques and Resource Utilization	46
SC02	Flexible Endoscopy for General Surgeons	46
SC03	Practical Applications of Ultrasonography in the Intensive Care Unit	47
SC04	Measurement and Analysis to Transform Surgical Care	48
SC05	Ultrasound for Pediatric Surgeons	48
SC06	Telemedicine: The Rapidly Expanding Field of Video-Based Telemedicine Health Care	49
SC07	Advanced Colonoscopy: New Techniques for Polypectomy and Advanced Intervention	49
SC08	Social Media for Surgeons (#SM4S)	50
SC09	Minimally Invasive Colorectal Surgery	50
SC10	Thyroid and Parathyroid Ultrasound	51
SC11	Humanitarian Surgery: Surgical Skills Training for the International Volunteer Surgeon	51
DC12	High-Risk Breast Cancer Management from A to Z	52
DC13	Robotic Surgery for Gastrointestinal Operations: Program Planning, Approaches, and Applications	53
DC14	Emergency General Surgery Update	54
DC15	Introduction to CPT, ICD-10-CM, and Evaluation and Management Coding: 2014 Basic Coding Workshop	55
DC16	Surgical Education: Principles and Practice	55
DC17	Mastering General Surgery Coding: Advanced Coding Workshop	56
DC18	General Surgery Review Course	57
DC19	Maintenance of Certification Review: Essentials for Surgical Specialties	58
DC20	How to Use ACS NSQIP®, TQIP®, CQIP, and SSR in Your Institution	58
DC21	Vascular Surgery for General Surgeons	59
DC22	Team-Based Care: Integrating Health Care Professionals into Surgical Practice	60

- DC23 Reorganizing Care to Optimize Outcomes:
How to Start an Enhanced Recover-after-Surgery Program at Your Hospital
- DC24 Non-Technical Skills for Surgeons (NOTSS) in the Operating Room: Behaviors in High-Performing Teams
- DC25 Annual Update in Surgical Critical Care
- DC26 Contemporary Management of Common Anorectal Problems

Skills Courses

SC01 | Skills for Rural Surgeons: Advanced Endoscopic Techniques and Resource Utilization

TRACKS: GEN, RUS

8 credits, Verification Level III

Saturday, October 25, 8:30 am - 5:30 pm

Location: Moscone West, Second Floor, Room 2024

CHAIR: Amy L. Halverson, MD, FACS, *Chicago, IL*

CO-CHAIR: Michael D. Sarap, MD, FACS, *Cambridge, OH*

The course will cover the management of esophageal foreign bodies, endomucosal resection of polyps, endoscopic dilation and stent placement, and endoscopic management of gastrointestinal hemorrhage; including resource utilization in the critical access hospital. Objectives: 1) Discuss the strategies to address foreign bodies in the esophagus; 2) Demonstrate endomucosal resection in the porcine model; 3) Discuss treatment options for immediate post polypectomy bleeding; 4) Demonstrate stenting and dilation techniques; 5) Discuss transfusion limits and patient transfer criteria; 6) and discuss endoscopic criteria of high recurrent bleeding risk.

Session I (8:30 am - 12:30 pm)

Welcome and Introduction

Amy L. Halverson, MD, FACS, *Chicago, IL*

Michael D. Sarap, MD, FACS, *Cambridge, OH*

Management of Upper Gastrointestinal Bleeding

Michael D. Sarap, MD, FACS, *Cambridge, OH*

Esophageal Foreign Body

Kris R. Jatana, MD, FACS, *Columbus, OH*

Retained Food Bolus

Mark W. Puls, MD, FACS, *Alpena, MI*

Skill Station 1: Hemorrhage Control: Clips, Injection, and Blakemore

Michael F. McGee, MD, FACS, *Chicago, IL*

Skill Station 2: Esophageal Foreign Body

Kris R. Jatana, MD, FACS, *Columbus, OH*

James S. Reilly, MD, FACS, *Wilmington, DE*

Mark W. Puls, MD, FACS, *Alpena, MI*

Session II (1:30 - 5:30 pm)

Polypectomy and Clip Placement

Overview of Hemorrhoids

Michael F. McGee, MD, FACS, *Chicago, IL*

Stent Placement

Jeffrey W. Hazey, MD, FACS, *Columbus, OH*

Endomucosal Resection

Janek N. Shah, MD, *San Francisco, CA*

Skill Station 3: Hemorrhoids

Banding and Ligation

Michael F. McGee, MD, FACS, *Chicago, IL*

Jaime E. Sanchez, MD, *Tampa, FL*

Michael L. Campbell, MD, *Tampa, FL*

Skill Station 4: Stent Placement and Dilation

Michael D. Sarap, MD, FACS, *Cambridge, OH*

Skill Station 5: Endomucosal Resection

Janek N. Shah, MD, *San Francisco, CA*

Jeffrey W. Hazey, MD, FACS, *Columbus, OH*

Jose M. Martinez, MD, FACS, *Miami, FL*

Sponsored by: Advisory Council for Rural Surgery

SC02 | Flexible Endoscopy for General Surgeons

TRACK: GEN

Lecture Only: 4 credits, Verification Level II

Sunday, October 26, 8:00 am - 12:15 pm

Lecture and Hands-On Lab: 8 credits, Verification Level III

Sunday, October 26, 8:00 am - 5:30 pm

Location (Lecture): Moscone West, Second Floor, Room 2005/2007

CHAIR: Jeffrey M. Marks, MD, FACS, *Cleveland, OH*

CO-CHAIR: John D. Mellinger, MD, FACS, *Springfield, IL*

A four-hour didactic session followed by a four-hour hands-on session will provide education and experience with multiple basic and advanced endoscopic techniques in porcine explant models and endoscopic simulators. The didactic session will include indications, contraindications, complications, and practical techniques for these basic and advanced endoscopic procedures. The hands-on portion will allow participants to practice these techniques. The course will be geared toward those surgeons who already have a basic skill set in flexible endoscopy.

Session I (Didactic)

Sunday, 8:00 am - 12:15 pm

Welcome and Introduction

Jeffrey M. Marks, MD, FACS, *Cleveland, OH*

John D. Mellinger, MD, FACS, *Springfield, IL*

Why Should I Perform Flexible Endoscopy?

Thadeus L. Trus, MD, *Lebanon, NH*

Patient Preparation and Sedation

John D. Mellinger, MD, FACS, *Springfield, IL*

Esophageal Endoscopy (EGD)Jose M. Martinez, MD, FACS, *Miami, FL***Colonoscopy**Benjamin K. Poulouse, MD, MPH, FACS, *Nashville, TN***Understanding Energy Sources**Brian J. Dunkin, MD, FACS, *Houston, TX***Enteral Access (PEG, PEJ, Nasojejunal, TPEG)**Bipan Chand, MD, FACS, FASMBS, FASGE, *Maywood, IL***Polypectomy**Michael F. McGee, MD, FACS, *Chicago, IL***Intraoperative Endoscopy**Robert D. Fanelli, MD, FACS, FASGE, *Sayre, PA***Dilation (Balloon and Bougie)**Jeffrey W. Hazey, MD, FACS, *Columbus, OH***Stents**Jeffrey M. Marks, MD, FACS, *Cleveland, OH***A Glimpse of the Future of Flexible Endoscopy for Surgeons**Lee L. Swanstrom, MD, FACS, *Portland, OR***Discussion****Session II Hands-On Skills Workshop**

Sunday, 1:15 - 5:30 pm

*Location (Workshop): Moscone West, Second Floor, Room 2014/2016/2018***Hands-On Skill Station Instructors:**Diya I. Alaedeen, MD, FACS, *Cleveland, OH*Jeffrey A. Blatnik, MD, *Cleveland, OH*Robert J. Bowles, MD, *Miami, FL*Bipan Chand, MD, FACS, FASMBS, FASGE, *Maywood, IL*Brian J. Dunkin, MD, FACS, *Houston, TX*Robert D. Fanelli, MD, FACS, FASGE, *Sayre, PA*Jeffrey W. Hazey, MD, FACS, *Columbus, OH*Jose M. Martinez, MD, FACS, *Miami, FL*Michael F. McGee, MD, FACS, *Chicago, IL*John D. Mellinger, MD, FACS, *Springfield, IL*Sean B. Orenstein, MD, *Shaker Heights, OH*Eric M. Pauli, MD, *Hershey, PA*Jonathan P. Pearl, MD, FACS, *Baltimore, MD*Melissa S. Phillips, MD, *Knoxville, TN*Jeffrey L. Ponsky, MD, FACS, *Cleveland, OH*Charles Y. Ro, MD, FACS, *Joplin, MO*Steven D. Schwartzberg, MD, FACS, *Cambridge, MA*Lee L. Swanstrom, MD, FACS, *Portland, OR*Thadeus L. Trus, MD, *Lebanon, NH*Melina C. Vassiliou, MD, FACS, MEd, *Montreal, QC*Vic Velanovich, MD, FACS, *Tampa, FL*Daniel Von Renteln, MD, *Hamburg, Germany**Sponsored by: Committee on Emerging Surgical Technology and Education***SC03 | Practical Applications of Ultrasonography in the Intensive Care Unit**

TRACKS: EDU, TRA



7 credits, Verification Level III

1 Session: Sunday, October 26, 8:30 am - 5:15 pm

*Location: Moscone West, Second Floor, Room 2020/2022*CHAIR: Paula A. Ferrada, MD, FACS, *Richmond, VA*CO-CHAIR: Amy C. Sisley, MD, *Baltimore, MD*

This course focuses on the intensive care unit (ICU) patient population, emphasizing relevant ultrasound skills for the surgical intensivist. Recently, bedside Echocardiography (ECHO) has emerged as a valuable tool in the assessment of critically ill patients. Included in this module is an introduction to the use of a limited Echocardiogram assessing cardiac function and volume status. Additionally, evaluation of the thoracic cavity for the presence of fluid (hemothorax or pleural effusion) is included. The didactic sessions will review indications for bedside ECHO and thoracic imaging. Case studies will illustrate the application of ECHO in the management of critically ill patients. This course will provide hands-on experience in a small group format with experienced instructors.

Prerequisite: Registrants must have completed the CD-ROM course, *Ultrasound for Surgeons: The Basic Course Second Edition*. Please visit <http://www.facs.org/education/ultrasound/course.html> for details.

Welcome and IntroductionPaula A. Ferrada, MD, FACS, *Richmond, VA*Amy C. Sisley, MD, *Baltimore, MD***Parasternal Long**Rachael A. Callcut, MD, MSPH, *San Francisco, CA***Parasternal Short**James F. Whelan, MB, BCh, FACS, *Lanexa, VA***Apical 4-5 Chamber**Thomas W. Carver, MD, FACS, *Milwaukee, WI***Subxiphoid**Jamie J. Coleman, MD, *Indianapolis, IN***Thoracic**Terence O'Keefe, MBChB, MSPH, FACS, *Tucson, AZ***Case Presentations**Paula A. Ferrada, MD, FACS, *Richmond, VA***Cardiac Output—Stroke Volume**Heidi L. Frankel, MD, FACS, *Pasadena, CA***Global Assessment**Oliver L. Gunter, MD, FACS, *Nashville, TN***Effusion and Pre-Load Assessment**Matthew E. Lissauer, MD, FACS, *New Brunswick, NJ**Sponsored by: National Ultrasound Faculty*

SC04A | Measurement and Analysis to Transform Surgical Care (½ day)

TRACK: GEN

(Pts)

SC04A 4 credits, Verification Level II

Sunday, October 26, 1:00 - 5:15 pm

Location: Moscone West, Second Floor, Room 2000

SC04B 6 credits, Verification Level II

Monday, October 27, 9:45 am - 5:15 pm

Location: Moscone West, Second Floor, Room 2000

This session is a sequel to the initial course, Health Systems Engineering for Surgeons, presented in October 2013. Entrance into the advanced course will require successful completion of Part A or approval by the course director based on "equivalency." The advanced course will include more advanced Excel skills, more advanced process monitoring topics, as well as applied statistics, applied regression, and applied ANOVA. It will also introduce the concept of analysis of residuals. The course will be hands-on and will definitely be applied and not theoretical.

Course Overview and Introduction to Excel
Peter J. Fabri, MD, PhD, FACS, Tampa, FL

Spreadsheet Functions
Peter J. Fabri, MD, PhD, FACS, Tampa, FL

Data Analysis
Peter J. Fabri, MD, PhD, FACS, Tampa, FL

Regression
Peter J. Fabri, MD, PhD, FACS, Tampa, FL

Sponsored by: Committee on Emerging Surgical Technology and Education

SC04B | Measurement and Analysis for Health Care Delivery Transformation (Full Course)

TRACK: GEN

6 credits, Verification Level II

Monday, October 27, 9:45 am - 5:15 pm

Location: Moscone West, Second Floor, Room 2000

Welcome and Introduction
Peter J. Fabri, MD, PhD, FACS, Tampa, FL
Harry C. Sax, MD, MHCM, FACS, Los Angeles, CA

Overview of Prior Course
Juan A. Sanchez, MD, FACS, Baltimore, MD

Case Study
Harry C. Sax, MD, MHCM, FACS, Los Angeles, CA

Regression and Classification
Peter J. Fabri, MD, PhD, FACS, Tampa, FL

ACS NSQIP®
Paul M. Maggio, MD, FACS, Stanford, CA

Hands-On Instruction
Paul M. Maggio, MD, FACS, Stanford, CA

ANOVA
Peter J. Fabri, MD, PhD, FACS, Tampa, FL

Sponsored by: Committee on Emerging Surgical Technology and Education

SC05 | Ultrasound for Pediatric Surgeons

TRACKS: GEN, PED

4 credits, Verification Level III

Monday, October 27, 9:45 am - 2:00 pm

Location: Moscone West, Second Floor, Room 2020/2022

CHAIR: Stefan Scholz, MD, FACS, FAAP, Pittsburgh, PA
CO-CHAIR: Marcus D. Jarboe, MD, FACS, Ann Arbor, MI

This course is intended to provide pediatric surgeons with an introduction to ultrasound and the basic skills needed to use it in their practice. This course includes didactic sessions in the physics of ultrasound instrumentation and scanning techniques and the clinical applications in the neonatal and pediatric patient. The hands-on stations will provide practice in diagnostic applications as well as interventional procedures. The course will cover ultrasound basics for the pediatric/neonatal patient; trauma/focused assessment with sonography in trauma (FAST) examination; ultrasound-guided insertion of arterial and central venous catheters; diagnosis and treatment of intracavitary fluid collections (abdominal/thoracic); ultrasound-guided percutaneous biopsy of (liver) nodules; and diagnosis of soft tissue abscess, acute appendicitis, hypertrophic pyloric stenosis, intussusception, intestinal malrotation, testicular torsion, and other pediatric applications.

Prerequisite: Registrants must have completed the CD-ROM course, *Ultrasound for Surgeons: The Basic Course Second Edition*. Please visit <http://www.facs.org/education/ultrasound/course.html> for details.

Welcome and Introduction
Stefan Scholz, MD, FACS, FAAP, Pittsburgh, PA
Marcus D. Jarboe, MD, FACS, Ann Arbor, MI

Basic Ultrasound Physics, Knobology, and Scanning Techniques
Stefan Scholz, MD, FACS, FAAP, Pittsburgh, PA

Ultrasound for the Pediatric Trauma Patient/FAST
Alexander Dzakovic, MD, Maywood, IL

Ultrasound of Abdominal Organs
Oliver J. Muensterer, MD, PhD, Bronx, NY

Ultrasound-Guided Insertion of Peripheral and Central Venous and Arterial Catheters
Marcus D. Jarboe, MD, FACS, Ann Arbor, MI

Interventional Ultrasound Techniques
Ranjith Vellody, MD, Ann Arbor, MI

Pediatric and Neonatal Ultrasound Applications
Stefan Scholz, MD, FACS, FAAP, Pittsburgh, PA

Hands-On Skills Station Instructors:
Alexander Dzakovic, MD, Maywood, IL
Samir K. Gadepalli, MD, FACS, MBA, Ann Arbor, MI
Marcus D. Jarboe, MD, FACS, Ann Arbor, MI
Oliver J. Muensterer, MD, PhD, Bronx, NY
Stefan Scholz, MD, FACS, FAAP, Pittsburgh, PA
Ranjith Vellody, MD, Ann Arbor, MI

Sponsored by: Advisory Council for Pediatric Surgery

SC06 | Telemedicine: The Rapidly Expanding Field of Video-Based Telemedicine Health Care

TRACKS: INFO, RUS



6 credits, Verification Level II

Monday, October 27, 10:00 am - 5:15 pm

Location: Moscone West, Second Floor, Room 2009/2011

CHAIR: Andrew R. Watson, MD, FACS, *Pittsburgh, PA*

CO-CHAIR: Rifat Latifi, MD, FACS, *Tucson, AZ*

Telemedicine is rapidly expanding throughout health care, and surgeons must lead this change. The ACS hosted its first telemedicine skills course at Clinical Congress in 2012 and this 2014 course will build on that success. Telemedicine is critical for surgeons to learn and integrate in their practice, including rural clinics, education, international outreach, and operative telementoring. The national market for telemedicine is rapidly expanding, as recognized by many surgeons, federal reform, the American Telemedicine Association and the U.S. Centers for Medicare & Medicaid Services. This course offers a blend of 30 percent didactic and 70 percent hands-on interactive teaching led by surgical experts showcasing live clinics, intraoperative telementoring, and strategies for building/growing a telemedicine practice. The course instructors will leverage the latest technology and best practices and offer rich faculty discussion.

Welcome and Introduction

Andrew R. Watson, MD, FACS, *Pittsburgh, PA*

Rifat Latifi, MD, FACS, *Tucson, AZ*

Discussion:

- Barriers
- International
- Operational
- IT
- Legal and credentials
- Best practices
- Question and answer session

Hands-On Skills Stations

INSTRUCTORS:

Marguerite Bonaventura, MD, FACS, *Pittsburgh, PA*

Amalia Cochran, MD, FCS, FCCM, *Salt Lake City, UT*

Heather L. Evans, MD, FACS, *Seattle, WA*

Samir M. Fakhry, MD, FACS, *Mentone, AL*

Donald Kosiak, MD, FACEP, *Sioux Falls, SD*

Rafael J. Grossmann, MD, FACS, *Bangor, ME*

Ronald C. Merrell, MD, FACS, *Mentone, AL*

Todd A. Ponsky, MD, FACS, *Moreland Hills, OH*

Steven S. Rothenberg, MD, FACS, *Denver, CO*

Carl H. Snyderman, MD, FACS, *Pittsburgh, PA*

Skills Stations Rotations:

Surgical telementoring

Live video telemedicine

Store and forward/remote monitoring

Telerounding and Glasses

Sponsored by: Health Information Technology Committee and the Advisory Council for Rural Surgery

SC07 | Advanced Colonoscopy: New Techniques for Polypectomy and Advanced Intervention

TRACKS: CRS, RUS

4 credits, Verification Level III

Monday, October 27, 1:00 - 5:15 pm

1:00 - 2:00 pm lecture

Location: Moscone West, Second Floor, Room 2001

2:00 - 5:15 pm workshop

Location: Moscone West, Second Floor, Room 2014/2016/2018

CHAIR: Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*

CO-CHAIR: I. Emre Gorgun, MD, FACS, *Cleveland, OH*

Colonoscopy is a fundamental component of modern general surgery practice. Many polyps that formerly required surgical resection can now be managed with advanced endoscopic techniques.

Welcome and Introduction

Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*

I. Emre Gorgun, MD, FACS, *Cleveland, OH*

Laparoscopic and Endoscopic Removal of Polyps

Sang W. Lee, MD, FACS, *New York, NY*

Endoscopic Submucosal Dissection

I. Emre Gorgun, MD, FACS, *Cleveland, OH*

Large Flat Polyps—Other Options

Richard L. Whelan, MD, FACS, FASCRS, *New York, NY*

Stenting of Colorectal Strictures

Maher A. Abbas, MD, FACS, FASCRS, *Abu Dhabi, United Arab Emirates*

Endoscopic Management of Anastomotic Leak

Jeffrey M. Marks, MD, FACS, *Cleveland, OH*

Hands-On Skills Station Instructors:

Maher A. Abbas, MD, FACS, FASCRS, *Abu Dhabi, United Arab Emirates*

Todd D. Francone, MD, MPH, *Burlington, MA*

Virgilio V. George, MD, FACS, *Indianapolis, IN*

I. Emre Gorgun, MD, FACS, *Cleveland, OH*

Sang W. Lee, MD, FACS, *New York, NY*

Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*

Jeffrey M. Marks, MD, FACS, *Cleveland, OH*

Matthew G. Mutch, MD, FACS, *St. Louis, MO*

Marc A. Singer, MD, FACS, *Highland Park, IL*

Toyooki Sonoda, MD, FACS, FASCRS, *New York, NY*

Sharon L. Stein, MD, FACS, FASCRS, *Cleveland, OH*

Charles B. Whitlow, MD, FACS, *New Orleans, LA*

D. Mark Zebbley, MD, FACS, FASCRS, *Abington, PA*

Sponsored by: Advisory Council for Colon and Rectal Surgery

SC08 | Social Media for Surgeons (#SM4S)

TRACK: EDU

4 credits, Verification Level II

Tuesday, October 28, 8:00 am - 12:15 pm

Location: Moscone West, Second Floor, Room 2000

CHAIR: Philip L. Glick, MD, FACS, *Buffalo, NY*

CO-CHAIR: Benedict C. Nwomeh, MB, BS, FACS, *Columbus, OH*

This hands-on course will cover how surgeons can use health care social media (#HCSM) (Twitter, Facebook, YouTube, LinkedIn, Google+, and so on) in their daily lives to enhance patient care and outcomes, medical student and resident education, career development, and personal networking. Topics include: why surgeons need to understand #HCSM, the ABC's of safe #HCSM and the XYZ's of cyber-security, using #HCSM for #GME, #CME, surgical leadership, patient care and how #HCSM can make you a better surgeons. The hands-on experience will provide attendees one-on-one tutorials with faculty to guarantee all participants will be comfortable using their Twitter accounts by the conclusion of the course. All participants should bring a mobile device to the session with Wi-Fi capabilities to maximize his or her experience in the course.

This course is intended for a blended audience (from the novice to advanced level).

Welcome and Introduction: Why Surgeons Need to Understand Social Networking (#HCSM)

Philip L. Glick, MD, FACS, *Buffalo, NY*

Benedict C. Nwomeh, MB, BS, FACS, *Columbus, OH*

Scrub Up Before you Head Online: The Social Media Skill Sets for Getting on and Staying Safe

Zachary Glick, *Herndon, VA*

Using Social Media in Surgical Education (#SoMed)

Mary L. Brandt, MD, FACS, *Houston, TX*

Surgical Leaders and Social Media

Jeffrey B. Matthews, MD, FACS, *Chicago, IL*

Social Media and Wearable Social Technologies in Health Care: A Surgeon's Perspective

Pierre R. Theodore, MD, *San Francisco, CA*

Surgeons on Social Media: What's in It for Me (and My Patients)?

James E. Barone, MD, FACS, FCCM, *Stamford, CT*

Hands-On Exercises

Niraj J. Gusani, MD, FACS, *Hershey, PA*

Hands-On Exercises

David S. Lind, MD, FACS, *Philadelphia, PA*

Hands-On Exercises

Benedict C. Nwomeh, MB, BS, FACS, *Columbus, OH*

Hands-On Exercises

Sani Z. Yamout, MD, *Oakland, CA*

Sponsored by: Committee on Emerging Surgical Technology and Education

SC09 | Minimally Invasive Colorectal Surgery Skills Course

TRACK: CRS

Tuesday, October 28

SC09A Lecture Only: 4 credits, Verification Level II

Tuesday, 8:00 am - 12:25 pm

Location: Moscone West, Second Floor, Room 2001

SC09B Lecture and Hands-On Workshop: 8 credits, Verification Level III

Tuesday, 8:00 am - 5:45 pm

Lecture Location: Moscone West, Second Floor, Room 2001

Workshop Location: Off site at UCSF campus

Transportation will be provided to/from the Moscone Center.

CHAIR: Bradley J. Champagne, MD, FACS, FASCRS, *Cleveland, OH*

CO-CHAIR: Sharon L. Stein, MD, FACS, FASCRS, *Cleveland, OH*

Laparoscopic resection for colorectal disease is progressively becoming the preferred technique for colectomy for most diseases, with increased penetration. The technology continues to progress rapidly.

Session I (Lecture)

8:00 am - 12:25 pm

Welcome and Introduction

Bradley J. Champagne, MD, FACS, FASCRS, *Cleveland, OH*

Sharon L. Stein, MD, FACS, FASCRS, *Cleveland, OH*

An Anatomic Overview for Laparoscopic Surgeons

Sang W. Lee, MD, FACS, *New York, NY*

Laparoscopic Right Colectomy

Joseph C. Carmichael, MD, FACS, FASCRS, *Orange, CA*

Laparoscopic Sigmoid Colectomy

Joanne Favuzza, DO, *Chicago, IL*

Laparoscopic Total Colectomy

Todd D. Francone, MD, FACS, *Burlington, MA*

Laparoscopic Proctectomy

Conor P. Delaney, MCh, PhD, FACS, FASCRS, *Cleveland, OH*

Crohn's Disease

Sharon L. Stein, MD, FACS, FASCRS, *Cleveland, OH*

Ulcerative Colitis and Pouch

Steven D. Wexner, MD, PhD(Hon), FACS, FRCS, FRCSEd, *Weston, FL*

Complicated Diverticulitis and Fistulas

Skandan Shanmugan, MD, *Philadelphia, PA*

Colon and Rectal Cancer

Jorge E. Marcet, MD, FACS, FASCRS, *Tampa, FL*

Rectal Prolapse

Scott R. Steele, MD, FACS, FASCRS, *Fort Lewis, WA*

Colorectal Surgery in the Obese

Mark Manwaring, MD, FACS, *Greenville, NC*

Single-Port SurgeryJustin A. Maykel, MD, FACS, *Worcester, MA***Role of HALS in 2014**Howard M. Ross, MD, FACS, FASCRS, *Philadelphia, PA***How Can We Afford Robotic Colorectal Resection?**Anthony J. Senagore, MD, FACS, *Saginaw, MI***Adoption of Laparoscopic Surgery: Where Are We and Where Is the Ceiling?**Michael J. Stamos, MD, FACS, FASCRS, *Orange, CA***Session II**

Tuesday, 1:15 - 5:45 pm

Hands-On Skills Station Instructors:Bradley J. Champagne, MD, FACS, FASCRS, *Cleveland, OH*Joseph C. Carmichael, MD, FACS, FASCRS, *Orange, CA*Conor P. Delaney, MCh, PhD, FACS, FASCRS, *Cleveland, OH*Joanne Favuzza, DO, *Chicago, IL*Todd D. Francone, MD, FACS, *Burlington, MA*Sang W. Lee, MD, FACS, *New York, NY*Mark Manwaring, MD, FACS, *Greenville, NC*Jorge E. Marcet, MD, FACS, FASCRS, *Tampa, FL*Justin A. Maykel, MD, FACS, *Worcester, MA*Thomas Reid, MD, PhD, FACP, *Washington, DC*Howard M. Ross, MD, FACS, FASCRS, *Philadelphia, PA*Anthony J. Senagore, MD, FACS, *Saginaw, MI*Skandan Shanmugan, MD, *Philadelphia, PA*Michael J. Stamos, MD, FACS, FASCRS, *Orange, CA*Sharon L. Stein, MD, FACS, FASCRS, *Cleveland, OH*Steven D. Wexner, MD, PhD(Hon), FACS, FRCS, FRCSEd, *Weston, FL**Sponsored by: Advisory Council for Colon and Rectal Surgery***SC10 | Thyroid and Parathyroid Ultrasound**

TRACK: OTO

7 credits, Verification Level III

Tuesday, October 28, 8:00 am - 4:30 pm

*Location: Moscone West, Second Floor, Room 2020/2022*CHAIR: Robert A. Sofferman, MD, FACS, *Burlington, VT*CO-CHAIR: Lisa A. Orloff, MD, FACS, *Stanford, CA*

This course is designed to introduce the practicing surgeon to office-based ultrasound examination of the thyroid and parathyroid glands and related pathology. The distinction of normal from malignant lymphadenopathy will be emphasized with a demonstration of the comprehensive examination of lymph node basins in cervical zones I–VI. The process of ultrasound-guided FNA of thyroid nodules and enlarged lymph nodes will be demonstrated in didactic lecture format. In addition, skill sessions will allow the surgeon to learn varied techniques of FNA of lesions in

phantom models. Standardized patients (SPs) will allow supervised hands-on experience with transverse and longitudinal ultrasound methods. Attendees will be instructed in the practical details and hurdles of developing office-based ultrasound. Prerequisite: Registrants must have completed the CD-ROM course, *Ultrasound for Surgeons: The Basic Course Second Edition*. Please visit <http://www.facs.org/education/ultrasound/course.html> for details.

Introduction and Discussion of ScheduleRobert A. Sofferman, MD, FACS, *Burlington, VT*Lisa A. Orloff, MD, FACS, *Stanford, CA***Principles and Physics of Ultrasound**Lawrence T. Kim, MD, FACS, *Chapel Hill, NC***Scanning and Ultrasound Anatomy**Russell B. Smith, MD, FACS, *Omaha, NE***Ultrasound Intervention**Lisa A. Orloff, MD, FACS, *Stanford, CA***Interpretation of Thyroid/Parathyroid Ultrasound**Robert A. Sofferman, MD, FACS, *Burlington, VT***Surgeon Performed Ultrasound**Kresimira M. Milas, MD, FACS, *Portland, OR***Hands-On Skills Session**Lawrence T. Kim, MD, FACS, *Chapel Hill, NC***Hands-On Skills Session**Kresimira M. Milas, MD, FACS, *Portland, OR***Hands-On Skills Session**Jamie C. Mitchell, MD, FACS, *Cleveland, OH***Hands-On Skills Session**Lisa A. Orloff, MD, FACS, *Stanford, CA***Hands-On Skills Session**Russell B. Smith, MD, FACS, *Omaha, NE***Hands-On Skills Session**Robert A. Sofferman, MD, FACS, *Burlington, VT**Sponsored by: National Ultrasound Faculty***SC11 | Humanitarian Surgery: Surgical Skills Training for the International Volunteer Surgeon**

TRACK: HUM

8 credits, Verification Level III

Wednesday, October 29, 8:30 am - 5:30 pm

*Location: Moscone West, Second Floor, Room 2024*CHAIR: Amy L. Halverson, MD, FACS, *Chicago, IL*CO-CHAIR: John L. Tarpley, MD, FACS, FWACS, *Nashville, TN*

In developing countries, the volunteer surgeon must truly be a “generalist,” able to handle an array of surgical conditions. This one-day course will provide an overview of the scope of conditions that one might encounter in resource-limited environments. Through a variety of techniques, including skill stations and simulation, participants will familiarize themselves with several relevant procedures, as well as the es-



sential elements of surgical safety, quality, ethics, and cultural considerations in such settings.

Session I

Wednesday, 8:15 am - 12:30 pm

Welcome and Introduction

Amy L. Halverson, MD, FACS, *Chicago, IL*

John L. Tarpley, MD, FACS, FWACS, *Nashville, TN*

Know Before You Go

Anesthesia in Low-Resource Environments

Kelly McQueen, MD, MPH, *Nashville, TN*

Obstetric Emergencies

Anesthesia Simulation

Hands-On Skills Station Instructors:

Kelly McQueen, MD, MPH, *Nashville, TN*

David H. Rothstein, MD, *Chicago, IL*

John L. Tarpley, MD, FACS, FWACS, *Nashville, TN*

Mamta Swaroop, MD, FACS, *Chicago, IL*

Obstetric Simulation

Hands-On Skills Station Instructors:

Donald E. Meier, MD, FACS, *El Paso, TX*

Krista L. Kaups, MD, MSc, FACS, *Fresno, CA*

Lunch (12:30 - 1:30 pm)

Session II

Wednesday, 1:30 - 5:45 pm

Trauma Management Basics (Fracture Dislocation Management Basics)

Pediatric Evaluation and Resuscitation

Initial Management of Fracture and Dislocation

Hands-On Skills Station Instructors:

Mamta Swaroop, MD, FACS, *Chicago, IL*

Pediatrics

Hands-On Skills Station Instructors:

Donald E. Meier, MD, FACS, *El Paso, TX*

David H. Rothstein, MD, *Chicago, IL*

General

Hands-On Skills Station Instructors:

John L. Tarpley, MD, FACS, FWACS, *Nashville, TN*

Krista L. Kaups, MD, MSc, FACS, *Fresno, CA*

Summary and Debrief

John L. Tarpley, MD, FACS, FWACS, *Nashville, TN*

Sponsored by: Operation Giving Back

DC12 | High-Risk Breast Cancer Management from A to Z

TRACK: GEN, ONC

6 credits, Verification Level II

Saturday, October 25, 8:00 am - 3:30 pm

Location: Moscone West, Second Floor, Room 2001

CHAIR: Laurel C. Soot, MD, FACS, *Portland, OR*

CO-CHAIR: Kristine E. Calhoun, MD, FACS, *Seattle, WA*

This course will cover the identification, evaluation, and management of the high-risk breast patient. In doing so, we will review standard risk-assessment tools that are suitable for the surgical clinic. We will also discuss the indications for genetic counseling and testing. High-risk pathological breast lesions and radiographic management will be discussed with the goal of developing an appropriate high-risk screening schedule. Additionally, we will discuss medical and surgical strategies for risk-reduction including a thorough discussion of breast reconstruction options. The fertility issues in the high-risk patient will be addressed and we will also review the role of molecular biomarkers in the treatment of the high-risk breast patient. Lastly, we will review the essential components of a formal high-risk breast program and strategies for starting a program as well as implementing clinical trials.

Session I

Saturday, 8:00 - 9:45 am

MODERATORS: Laurel C. Soot, MD, FACS, *Portland, OR*

Kristine E. Calhoun, MD, FACS, *Seattle, WA*

Identifying the High-Risk Patient: Tools for Calculating Risk

Sharon S. Lum, MD, FACS, *Loma Linda, CA*

What's New in Genetic Counseling and Testing?

Kevin S. Hughes, MD, FACS, *Boston, MA*

Fertility Issues and Pregnancy Management in the High-Risk Patient

Jacqueline S. Jeruss, MD, PhD, FACS, *Chicago, IL*

Panel Discussion, Case Presentation

Laurel C. Soot, MD, FACS, *Portland, OR*

Kristine E. Calhoun, MD, FACS, *Seattle, WA*

Sharon S. Lum, MD, FACS, *Loma Linda, CA*

Kevin S. Hughes, MD, FACS, *Boston, MA*

Tina W.F. Yen, MD, FACS, *Milwaukee, WI*

Session II

Saturday, 10:00 am - 12:10 pm

Nonsurgical Breast Cancer Risk-Reduction Strategies

Lisa A. Newman, MD, MPH, FACS, *Ann Arbor, MI*

Surgical Cancer Risk-Reduction Strategies: Breast

Farin Amersi, MD, FACS, *Los Angeles, CA*

The Role of Molecular Biomarkers in the Treatment of the High-Risk Patient/I-SPY Trail

Laura J. Esserman, MD, FACS, *San Francisco, CA*

Breast Reconstruction Options for the High-Risk Patient

Hani Sbitany, MD, *San Francisco, CA*

Panel Discussion, Case Presentation

Lisa A. Newman, MD, MPH, FACS, *Ann Arbor, MI*

Farin Amersi, MD, FACS, *Los Angeles, CA*

Laura J. Esserman, MD, FACS, *San Francisco, CA*

Hani Sbitany, MD, *San Francisco, CA*

Session III

Saturday, 1:10 - 3:10 pm

Imaging and Management of Radiographic Abnormalities in the High-Risk Breast Patient

Tina W.F. Yen, MD, MS, FACS, *Milwaukee, WI*

Management of the High-Risk Pathological Breast Lesions in the Non BRCA Patient

Kimberly H. Allison, MD, *Stanford, CA*

Clinical Trials and Surgeon Participation for the Breast Cancer Patient

Steven L. Chen, MD, MBA, FACS, *Duarte, CA*

How to Implement a High-Risk Breast Cancer Program at Your Institution

Nora M. Hansen, MD, FACS, *Chicago, IL*

Panel Discussion, Case Presentation

Tina W. F. Yen, MD, MS, FACS, *Milwaukee, WI*Kimberly H. Allison, MD, *Stanford, CA*Steven L. Chen, MD, MBA, FACS, *Duarte, CA*Nora M. Hansen, MD, FACS, *Chicago, IL**Sponsored by: Advisory Council for General Surgery***DC13 | Robotic Surgery for Gastrointestinal Operations: Program Planning, Approaches, and Applications**

TRACKS: GEN, ORT



6 credits, Verification Level II

Saturday, October 25, 9:00 am - 4:30 pm

*Location: Moscone West, Second Floor, Room 2003*CHAIR: Vivian E. Strong, MD, FACS, *New York, NY*CO-CHAIR: Inderpal S. Sarkaria, MD, FACS, *New York, NY*

Robotic surgery is increasingly being applied toward many different surgical procedures. It is important that with the introduction of new applications for this technology, safety and efficacy be rigorously evaluated. This course aims to discuss current applications of robotic technology to upper and lower gastrointestinal surgery. Presentations will emphasize program set-up, including aspects of credentialing, certification, legal exposure, training, safety, quality assurance, procedure-specific assessment, and evaluation of robotic approaches.

Session I: Planning a Robotic Program

Saturday, 9:00 - 11:25 am

MODERATOR: Julio E. Garcia-Aguilar, MD, PhD, FACS, FASCRS, *New York, NY*

Introduction

Vivian E. Strong, MD, FACS, *New York, NY*

Setting up a Robotic Program

Alessio Pigazzi, MD, PhD, FACS, *Orange, CA*

Credentialing and Certification

Faiz Y. Bhora, MD, FACS, *New York, NY*

Quality Control and Safety Considerations

Inderpal S. Sarkaria, MD, FACS, *New York, NY*

Simulation and Training Strategies

Mario M. Leitao, Jr., MD, FACOG, *New York, NY*

Legal Exposure and Liability

Glenn Dopf, JD, *New York, NY*

Current Status of Teaching Hepatobiliary and Pancreatic Surgery (HPB)

Herbert J. Zeh, MD, FACS, *Pittsburgh, PA*

Panel Discussion

Julio E. Garcia-Aguilar, MD, PhD, FACS, FASCRS, *New York, NY*Vivian E. Strong, MD, FACS, *New York, NY*Alessio Pigazzi, MD, PhD, FACS, *Orange, CA*Faiz Y. Bhora, MD, FACS, *New York, NY*Inderpal S. Sarkaria, MD, FACS, *New York, NY*Mario M. Leitao, Jr., MD, FACOG, *New York, NY*Herbert J. Zeh, MD, FACS, *Pittsburgh, PA***Session II: Esophageal**

Saturday, 12:25 - 1:35 pm

MODERATORS: Dennis A. Wigle, MD, FACS, *Rochester, MN*Nabil Rizk, MD, FACS, *New York, NY*

Malignant Esophageal: Esophagectomy

Inderpal S. Sarkaria, MD, FACS, *New York, NY*

Benign Esophageal I: Nissen and Paraesophageal Hernia

Abbas E. Abbas, MD, FACS, *Philadelphia, PA*

Benign Esophageal II: Heller Myotomy, Leiomyoma Enucleation, Epiphrenic Diverticulum

Rasa Zarnegar, MD, FACS, *New York, NY*

Panel Discussion

Dennis A. Wigle, MD, FACS, *Rochester, MN*Inderpal S. Sarkaria, MD, FACS, *New York, NY*Abbas E. Abbas, MD, FACS, *Philadelphia, PA*Rasa Zarnegar, MD, FACS, *New York, NY*Nabil Rizk, MD, FACS, *New York, NY***Session III: Gastric and HPB**

Saturday, 1:50 - 3:20 pm

MODERATORS: Melissa Ellen Hogg, MD, *Pittsburgh, PA*Herbert J. Zeh, MD, FACS, *Pittsburgh, PA*

Malignant Gastric I: Gastrectomy

Vivian E. Strong, MD, FACS, *New York, NY*

Malignant Gastric II: Korean Experience and Results/ New Applications

Woo Jin Hyung, MD, PhD, *Seoul, Korea*

Robotic Liver Resection

Yuman Fong, MD, FACS, *New York, NY*

Single Site Robotic Cholecystectomy

Sherry M. Wren, MD, FACS, *Stanford, CA*

Panel Discussion

Vivian E. Strong, MD, FACS, *New York, NY*Woo Jin Hyung, MD, PhD, *Seoul, Korea*Herbert J. Zeh, MD, FACS, *Pittsburgh, PA*Sherry M. Wren, MD, FACS, *Stanford, CA*Yuman Fong, MD, FACS, *New York, NY*Melissa Ellen Hogg, MD, *Pittsburgh, PA*

Session IV: Lower Gastrointestinal/Colorectal

Saturday, 3:35 - 4:30 pm

MODERATORS:

Alessio Pigazzi, MD, PhD, FACS, *Orange, CA*Joshua I. Bleier, MD, FACS, FASCRS, *Philadelphia, PA*

Colorectal I: Colon Resection

Julio E. Garcia-Aguilar, MD, PhD, FACS, FASCRS,
New York, NY

Colorectal II: Low Anterior Resection/

Abdominoperineal Resection (LAR/APR)

Martin R. Weiser, MD, FACS, *New York, NY*

Panel Discussion

Alessio Pigazzi, MD, PhD, FACS, *Orange, CA*Julio E. Garcia-Aguilar, MD, PhD, FACS, FASCRS,
*New York, NY*Martin R. Weiser, MD, FACS, *New York, NY*Joshua I. Bleier, MD, FACS, FASCRS, *Philadelphia, PA**Sponsored by: The Division of Education, the Program Committee, and the Committee on Emerging Surgical Technology and Education***DC14 | Emergency General Surgery Update**

TRACKS: GEN, RUS, TRA



6 credits, Verification Level II

Sunday, October 26, 8:00 am - 4:00 pm

*Location: Moscone West, Second Floor, Room 2003*CHAIR: Stephen L. Barnes, MD, FACS, *Columbia, MO*CO-CHAIR: Robert A. Maxwell, MD, FACS, *Chattanooga, TN*

Common emergency general surgery problems have seen an evolution in management paradigms. This course will review the latest data on myriad surgical emergencies including perforated esophagus, complications of peptic ulcer disease, necrotizing pancreatitis, incarcerated and strangulated hernias, C. diff colitis, and diverticulitis. Operative and nonoperative treatment options will be discussed and current evidence-based recommendations reviewed.

Session I: Diverticulitis

Sunday, 8:00 - 9:05 am

MODERATOR: Stephen L. Barnes, MD, FACS, *Columbia, MO*

Diverticulitis

Timothy A. Pritts, MD, FACS, *Cincinnati, OH*

Diverticulitis

Jon S. Hourigan, MD, FACS, FASCRS, *Lexington, KY*

Diverticulitis

Paul J. Schenarts, MD, FACS, *Omaha, NE*

Panel Discussion—Diverticulitis

Stephen L. Barnes, MD, FACS, *Columbia, MO*Timothy A. Pritts, MD, FACS, *Cincinnati, OH*Jon S. Hourigan, MD, FACS, FASCRS, *Lexington, KY*Paul J. Schenarts, MD, FACS, *Omaha, NE***Session II: Esophagus**

Sunday, 9:15 - 10:10 am

MODERATOR: Stephen L. Barnes, MD, FACS, *Columbia, MO*

Perforated Esophagus

J. David Richardson, MD, FACS, *Louisville, KY*

Perforated Esophagus

Robert A. Maxwell, MD, FACS, *Chattanooga, TN*

Panel Discussion—Esophagus

Stephen L. Barnes, MD, FACS, *Columbia, MO*J. David Richardson, MD, FACS, *Louisville, KY*Robert A. Maxwell, MD, FACS, *Chattanooga, TN***Session III: Complications of Peptic Ulcer Disease**

Sunday, 10:10 - 11:05 am

MODERATOR: Robert A. Maxwell, MD, FACS, *Chattanooga, TN*

Complications of Peptic Ulcer Disease

Forrest O'Dell Moore, MD, FACS, *Phoenix, AZ*

Complications of Peptic Ulcer Disease

David V. Feliciano, MD, FACS, *Indianapolis, IN*

Panel Discussion—Peptic Ulcer Disease

Robert A. Maxwell, MD, FACS, *Chattanooga, TN*Forrest O'Dell Moore, MD, FACS, *Phoenix, AZ*David V. Feliciano, MD, FACS, *Indianapolis, IN***Session IV: Necrotizing Pancreatitis**

Sunday, 11:15 am - 12:10 pm

MODERATOR: Stephen L. Barnes, MD, FACS, *Columbia, MO*

Necrotizing Pancreatitis

Peter J. Fagenholz, MD, *Boston, MA*

Necrotizing Pancreatitis

David T. Efron, MD, FACS, *Baltimore, MD*

Panel Discussion—Necrotizing Pancreatitis

Stephen L. Barnes, MD, FACS, *Columbia, MO*Peter J. Fagenholz, MD, *Boston, MA*David T. Efron, MD, FACS, *Baltimore, MD***Session V: Clostridium Difficile (C. diff) Colitis**

Sunday, 1:30 - 2:25 pm

MODERATOR: Robert A. Maxwell, MD, FACS, *Chattanooga, TN*

Clostridium Difficile Colitis

J. Daniel Stanley, MD, FACS, *Chattanooga, TN*

Clostridium Difficile Colitis

Richard P. Gonzalez, MD, FACS, *Mobile, AL*

Panel Discussion

Robert A. Maxwell, MD, FACS, *Chattanooga, TN*J. Daniel Stanley, MD, FACS, *Chattanooga, TN*Richard P. Gonzalez, MD, FACS, *Mobile, AL***Session VI: Acute Hernias**

Sunday, 2:35 - 3:50 pm

MODERATOR: Stephen L. Barnes, MD, FACS, *Columbia, MO*

Incarcerated and Strangulated Hernias

Grant V. Bochicchio, MD, MPH, *St. Louis, MO*

Incarcerated and Strangulated Hernias

Alfredo M. Carbonell II, DO, FACS, FACOS,
Greenville, SC

Incarcerated and Strangulated Hernias

Benjamin K. Poulouse, MD, MPH, FACS, *Nashville, TN*

Panel Discussion—Acute Hernias

Stephen L. Barnes, MD, FACS, *Columbia, MO*

Grant V. Bochicchio, MD, MPH, *St. Louis, MO*

Alfredo M. Carbonell II, DO, FACS, FACOS,
Greenville, SC

Benjamin K. Poulouse, MD, MPH, FACS, *Nashville, TN*

*Sponsored by: Advisory Council for Rural Surgery and
the Committee on Trauma*

DC15 | Introduction to Current Procedural Terminology (CPT), ICD-10-CM, and Evaluation and Management Coding: 2014 Basic Coding Workshop

TRACK: HP

6 credits, Verification Level II

Sunday, October 26, 8:30 am - 4:00 pm

Location: Moscone West, Second Floor, Room 2001

CHAIR: Albert Bothe, Jr., MD, FACS, *Danville, PA*

CO-CHAIR: Lee R. Morisy, MD, FACS, *Memphis, TN*

This course is an introduction to the rules and categories of evaluation and management (E/M) coding. The speakers will discuss how to identify and code the appropriate level of service through the use of templates and electronic health records. The course will also give a basic overview of collections, denials, ratios, and metrics of billing and reimbursement issues.

SPEAKERS: Albert Bothe, Jr., MD, FACS, *Danville, PA*

Lee R. Morisy, MD, FACS, *Memphis, TN*

INSTRUCTOR: Betsy Nicoletti, CPC, *Springfield, VT*

Session I: Just Tell Me What to Bill! How to Select the Correct Type of E/M Service

Sunday, 8:30 - 10:30 am

What Type of Visit to Report: New Patient, Consult, Initial Hospital, Services, Observation?

Which E/M Services Are Part of the Global Period and Which May Be Billed?

Reporting Critical Care for Nonsurgical Patients

Reporting Critical Care for Surgical Patients

Screening Colonoscopy, Current Procedural Terminology (CPT) Codes, Healthcare Common Procedure Coding System (HCPCS) Codes, and Modifiers

Session II: Levels of Service for E/M Visits

Sunday, 10:45 am - 12:30 pm

Documentation Requirements for E/M Services

Medicare Fee Schedule and Relative Value Units

E/M Documentation Copied from a Previous Visit

Compliance Alerts

Centers for Medicare & Medicaid Services and Current Procedural Terminology (CPT) Updates

Session III: Strategy

Sunday, 1:30 - 3:00 pm

Moving from a Fee-for-Service World into a Hybrid Payment System

Patient Engagement

How to Participate in the Medicare Physician Quality Reporting System

Understanding the Medicare Electronic Health Records (EHR) Meaningful Use Program

Diagnosis Coding: It's Not Just for Claims Anymore

Overview of Risk-Based Diagnosis Adjustments

Session IV: Practice Operations

Saturday, 3:15 - 4:00 pm

Using Technology to Improve Collections

Registration, Deposits, Verification of Insurance

Collecting Patient Due Balances

Key Performance Indicators and Reports

Optimal Scheduling, No-Show Reduction

*Sponsored by: General Surgery Coding and
Reimbursement Committee*

DC16 | Surgical Education: Principles and Practice

TRACK: EDU

6 credits, Verification Level II

Sunday, October 26, 9:00 am - 4:30 pm

Location: Moscone West, Second Floor, Room 2010

CHAIR: Anne T. Mancino, MD, FACS, *Little Rock, AR*

CO-CHAIR: Guy F. Brisseau, MD, MEd, FACS, FAAP, FRCSC,
Halifax, NS

The objective of this course is to enhance the teaching skills of surgeons active in student and resident education. The principles of adult learning, mentoring, needs assessment, questioning skills, conference management, feedback, and performance evaluation will be reviewed. In addition, participants will develop a thorough generational understanding of the practical applications of these principles, both in and out of the operating room. This course includes a workshop with interactive, small group discussion.

Session I

Sunday, 9:30 am - 12:30 pm

MODERATORS:

Anne T. Mancino, MD, FACS, *Little Rock, AR*

Guy F. Brisseau, MD, MEd, FACS, FAAP, FRCSC,
Halifax, NS

Introduction

Anne T. Mancino, MD, FACS, *Little Rock, AR*

Adult Learning

Mary E. Maniscalco-Theberge, MD, FACS,
Washington, DC

Electronic Learning

Jason M. Wallen, MDCM, MBA, FACS, FCCP,
Loma Linda, CA

Questioning Skills: Learning What They Know

Dwight C. Kellicut, MD, FACS, *Honolulu, HI*
Anne T. Mancino, MD, FACS, *Little Rock, AR*

Teaching Technical Skills: From Simulators to the Operating Room

Michael R. Marohn, DO, FACS, *Baltimore, MD*

Session II

Sunday, 1:30 - 4:30 pm

MODERATORS:

Anne T. Mancino, MD, FACS, *Little Rock, AR*
Guy F. Brisseau, MD, MEd, FACS, FAAP, FRCSC, *Halifax, NS*

Introduction—Skit

Guy F. Brisseau, MD, MEd, FACS, FAAP, FRCSC,
Halifax, NS

John S. Bruun, MD, FACS, *Dayton, OH*
Dwight C. Kellicut, MD, FACS, *Honolulu, HI*

Anne T. Mancino, MD, FACS, *Little Rock, AR*
Mary E. Maniscalco-Theberge, MD, FACS,

Washington, DC

Michael R. Marohn, DO, FACS, *Baltimore, MD*

John R. Potts, MD, FACS, *Chicago, IL*

Jason M. Wallen, MDCM, MBA, FACS, FCCP,
Loma Linda, CA

Capitalizing on Clinical Conferences

Anne T. Mancino, MD, FACS, *Little Rock, AR*
Guy F. Brisseau, MD, MEd, FACS, FAAP, FRCSC,
Halifax, NS

Feedback and Evaluation

Guy F. Brisseau, MD, MEd, FACS, FAAP, FRCSC,
Halifax, NS

Summary

Guy F. Brisseau, MD, MEd, FACS, FAAP, FRCSC,
Halifax, NS

Sponsored by: Division of Education

DC17 | Mastering General Surgery Coding: Advanced Coding Workshop

TRACK: HP

6 credits, Verification Level II

Monday, October 27, 9:45 am - 5:15 pm

Location: Moscone West, Second Floor, Room 2003

CHAIR: Christopher K. Senkowski, MD, FACS, *Savannah, GA*

CO-CHAIR: Mark T. Savarise, MD, FACS, *Salt Lake City, UT*

This course provides an in-depth focus on evaluation and management (E/M) services including how to identify and document the appropriate level of service. The course will also cover reimbursement issues including ways to expedite reimbursement with fewer denials by understanding the billing rules. In addition, the course will address Current Procedural Terminology (CPT), Healthcare Common Procedure Coding System (HCPCS), International Classification of Diseases, Tenth Edition, Clinical Modification coding, and modifiers and the surgical global package.

SPEAKERS:

Christopher K. Senkowski, MD, FACS, *Savannah, GA*
Mark T. Savarise, MD, FACS, *Salt Lake City, UT*

INSTRUCTOR: Mary LeGrand, RN, MA, CCS-P, CPC,
St. Louis, MO

Session I

Monday, 9:45 - 11:30 am

Operative Note Dictation Tips for Coding and Appeals

Surgeon Role Modifiers and Complexity Modifiers

Unlisted Procedures: How to Report

Place of Service: What You Need to Know: Now an Office of Inspector General Target!

Protecting E/M Service from the Global Surgical Package

Same Day Surgical Procedure Modifiers

Surgical Services Performed during the Global Surgical Period

Session II

Monday, 11:45 am - 1:45 pm

2014 Radiology Reporting

2014 Breast Coding Update

Colorectal Overview

Session III

Monday, 2:45 - 3:45 pm

Colorectal Continued as Necessary

Hernia Surgery Overview

Session IV

Monday, 3:45 - 5:15 pm

Integumentary Update 2014

2014 Esophagoscopy/Esophagogastroduodenoscopy (EGD) Changes

Endocrine Overview

Sponsored by: General Surgery Coding and Reimbursement Committee

DC18 | General Surgery Review Course

TRACK: GEN

12 credits, Verification Level II

Part I: 5 sessions; Monday, October 27, 10:00 am - 5:30 pm

Part II: 3 sessions; Tuesday, October 28, 8:00 am - 3:30 pm

Location: Moscone West, Second Floor, Room 2005/2007

CHAIR: Laura J. Moore, MD, FACS, *Houston, TX*

CO-CHAIR: Sam G. Pappas, MD, FACS, *Milwaukee, WI*

This two-day course will provide a concise review of most of the essential content areas in general surgery. The course will help surgeons comply with Maintenance of Certification requirements and help guide their preparation for recertification examinations. A distinguished faculty will use an interactive case-based format that will cover many of the core elements of general surgery as defined by the American Board of Surgery. The course content will be based on a modular system to include: abdomen, gastrointestinal tract, trauma, critical care, breast, endocrine, vascular, perioperative, and general surgical problems in related specialties. Questions will be available for review by participants before the course. During the course, an interactive audience response system will be used and following the audience response, the correct answer will be discussed by the faculty. At the conclusion of the course, participants will receive a syllabus with all the questions, answers, supporting discussions, and bibliographies.

Session I: Abdominal

Monday, 10:00 - 11:40 am

MODERATOR: Sam G. Pappas, MD, FACS, *Milwaukee, WI*

Pancreas (Benign and Malignant)

Attila Nakeeb, MD, FACS, *Indianapolis, IN*

Liver (Benign)

Gerard J. Abood, MD, *Maywood, IL*

Biliary (Benign and Malignant)

Sam G. Pappas, MD, FACS, *Milwaukee, WI*

Spleen

Piero M. A. Fisichella, MD, MBA, FACS,
West Roxbury, MA

Hernia

Richard J. Andrassy, MD, FACS, *Houston, TX*

Session II: Alimentary

Monday, 12:40 - 2:20 pm

MODERATOR: Jon C. Gould, MD, FACS, *Milwaukee, WI*

Gastroesophageal Reflux Disease/Hiatal Hernia/Achalasia

Andrew S. Kastenmeier, MD, *Milwaukee, WI*

Esophageal/Gastric Malignancy

Kiran K. Turaga, MD, MPH, FACS, *Milwaukee, WI*

Colorectal Cancer

Scott R. Steele, MD, FACS, FASCRS, *Ft. Lewis, WA*

Benign Colorectal Disease

Charles P. Heise, MD, FACS, *Madison, WI*

Bowel Obstruction/Gastrointestinal Bleeding/Peptic Ulcer Disease

Jacob A. Greenberg, MD, EdM, *Madison, WI*

Session III: Breast

Monday, 2:40 - 4:00 pm

MODERATOR: Judy C. Boughey, MB, BChir, FACS,
Rochester, MN

Benign Breast Disease

Elisa R. Port, MD, FACS, *New York, NY*

Breast Cancer

E. Shelley Hwang, MD, MPH, FACS, *Durham, NC*

Breast Cancer in Special Situations and Adjunctive Therapies

Judy C. Boughey, MB, BChir, FACS, *Rochester, MN*

Session IV: Endocrine

Monday, 4:10 - 4:30 pm

MODERATOR: Judy C. Boughey, MB, BChir, FACS,
Rochester, MN

Endocrine

Christopher D. Raeburn, MD, FACS, *Aurora, CO*

Session V: Vascular

Monday, 4:30 - 5:30 pm

MODERATOR: Laura J. Moore, MD, FACS, *Houston, TX*

Peripheral Vascular/Critical Limb Ischemia

Eugene M. Langan, MD, FACS, *Greenville, SC*

Vascular Disease

Addi Z. Rizvi, MD, FACS, *Minneapolis, MN*

Vascular Disease: Management and Diagnosis

David P. Franklin, MD, FACS, *Danville, PA*

Part II

Tuesday, 8:00 - 9:40 am

Session I: Trauma

MODERATOR: Laura J. Moore, MD, FACS, *Houston, TX*

Resuscitation, Head, and Neck

Laura J. Moore, MD, FACS, *Houston, TX*

Chest and Abdomen

Stephanie D. Gordy, MD, FACS, *Houston, TX*

Pelvis, Vascular, and Extremity

Christine S. Cocanour, MD, FACS, *Sacramento, CA*

Session II: Perioperative Care

Tuesday, 10:00 am - 2:10 pm

MODERATOR: Travis P. Webb, MD, MHPE, FACS,
Milwaukee, WI

Fluids, Electrolytes, and Infection

Jasmeet S. Paul, MD, FACS, *Milwaukee, WI*

Hemostasis and Coagulation

Michael J. Sise, MD, FACS, *San Diego, CA*

Wound Healing and Wound ManagementTravis P. Webb, MD, MHPE, FACS, *Milwaukee, WI***Nutrition**Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI***Renal Function**Keely L. Buesing, MD, *Omaha, NE***Pharmacology**Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI***Perioperative Cardiac Evaluation**Jasmeet S. Paul, MD, FACS, *Milwaukee, WI***Deep Vein Thrombosis/Pulmonary Embolism (DVT/PE) Prophylaxis and Treatment**Michael J. Sise, MD, FACS, *San Diego, CA***Session III: Critical Care**

Tuesday, 2:20 - 3:30 pm

MODERATOR: Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI***Critical Care—Respiratory**Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI***Critical Care—Cardiac**Keely L. Buesing, MD, *Omaha, NE**Sponsored by: Division of Education***DC19 | Maintenance of Certification Review: Essentials for Surgical Specialties**

TRACK: GEN

4 credits, Verification Level II

Monday, October 27, 12:30 - 4:45 pm

*Location: Moscone West, Second Floor, Room 2010*CHAIR: Robert R. Bahnson, MD, FACS, *Columbus, OH*CO-CHAIR: Robert R. Lorenz, MD, FACS, *Cleveland, OH*

Do you have to take a Maintenance of Certification (MOC) exam? The surgical fundamentals are competencies that are common to all the surgical subspecialties, and are tested during the MOC recertification process. They include topics such as: emergency airway management, deep vein thrombosis (DVT) prophylaxis, post-op management including myocardial infarction recognition, conscious sedation, treatment of anaphylaxis, blood conservation, and pain management, and patient safety issues, to name but a few. This course seeks to bring subject matter experts to educate surgeons from all the subspecialties on these topics, with an emphasis on preparation for MOC specific to these fundamental competencies. This is a one-stop-shop for you to quickly get up to speed through a refresher course for all these areas and concentrate on the studying the other materials specific to your sub-specialties.

Session I

Monday, 12:30 - 2:25 pm

MODERATOR: Robert R. Lorenz, MD, FACS, *Cleveland, OH***Postoperative Pain Management**James B. Ray, PharmD, CPE, *Charlottesville, VA***Anesthesia and Conscious Sedation**Joshua L. Lumbley, MD, *Columbus, OH***Perioperative Airway Management**Paul W. Flint, MD, FACS, *Portland, OR***Session II**

Monday, 2:40 - 4:45 pm

Perioperative Medical ManagementHarrison G. Weed, MD, FACP, *Columbus, OH***Patient Safety in Surgery**Rahul K. Shah, MD, FACS, *Washington, DC***Perioperative Anticoagulation**Mark M. Levy, MD, FACS, *Richmond, VA***Discussion and Conclusion**Robert R. Bahnson, MD, FACS, *Columbus, OH**Sponsored by: Division of Education***DC20 | How to Use ACS NSQIP,® TQIP,® CQIP, and SSR in Your Institution**

TRACKS: EDU, GEN



6 credits, Verification Level II

Tuesday, October 28, 8:00 am - 3:30 pm

*Location: Moscone West, Second Floor, Room 2003*CHAIR: Leigh A. Neumayer, MD, FACS, *Tucson, AZ*CO-CHAIR: Mary T. Hawn, MD, FACS, *Birmingham, AL*

The benefits of participating in quality improvement using validated, reliable clinical data as are available through the American College of Surgeons' many database-driven programs are well-proven. As these programs have been developed and made widely available over the last few years, many surgeons want to understand how to maximize the data and reports. During this Postgraduate Course, we will review the available programs and how to harness the information to drive quality improvement at an institutional level. Once surgeons have these skills they will be able to leverage the information to encourage further participation in the programs and ultimately improve the care of patients at their institutions. Each attendee will leave with at least two projects they might undertake at their home institution.

Session I

Tuesday, 8:00 - 9:45 pm

MODERATORS:

Leigh A. Neumayer, MD, FACS, *Tucson, AZ*Mary T. Hawn, MD, FACS, *Birmingham, AL*

ACS-NSQIP®: About the Programs, Automatic Reports, Ad Hoc Reports

John M. Morton, MD, MPH, FACS, FASMB, *Stanford, CA*

TQIP®: About the Program, Automatic Reports, Ad Hoc Reports

Avery B. Nathens, MD, FACS, *Toronto, ON*

CQIP: About the Program, Automatic Reports, Ad Hoc Reports

Lee G. Wilke, MD, FACS, *Madison, WI*

SSR: About the Program, Automatic Reports, Ad Hoc Reports

Tyler G. Hughes, MD, FACS, *McPherson, KS*

Communicating Results

Juliane Bingener, MD, FACS, *Rochester, MN*

Panel Discussion

Leigh A. Neumayer, MD, FACS, *Tucson, AZ*

Mary T. Hawn, MD, FACS, *Birmingham, AL*

John M. Morton, MD, MPH, FACS, FASMB, *Stanford, CA*

Avery B. Nathens, MD, FACS, *Toronto, ON*

Lee G. Wilke, MD, FACS, *Madison, WI*

Tyler G. Hughes, MD, FACS, *McPherson, KS*

Juliane Bingener, MD, FACS, *Rochester, MN*

Session II: Now That You Have the Data, What to Do with It?

Tuesday, 10:00 am - 12:15 pm

Methodology: Quality Improvement Plan-Do-Check-Act (QI PDCA)

E. Patchen Dellinger, MD, FACS, *Seattle, WA*

Methodology: Research

Karl Y. Bilimoria, MD, FACS, *Chicago, IL*

Involving Stakeholders in Improvement

Elizabeth C. Wick, MD, FACS, *Baltimore, MD*

Join or Start Collaborative: Discussion of State Collaboratives

Joseph B. Cofer, MD, FACS, *Chattanooga, TN*

Measuring Resident Contribution

Rachel R. Kelz, MD, MSCE, FACS, *Philadelphia, PA*

Disseminating Your Results

Sherry M. Wren, MD, FACS, *Stanford, CA*

Maintaining Success

Henry A. Pitt, MD, FACS, *Philadelphia, PA*

Panel Discussion

E. Patchen Dellinger, MD, FACS, *Seattle, WA*

Karl Y. Bilimoria, MD, FACS, *Chicago, IL*

Elizabeth C. Wick, MD, FACS, *Baltimore, MD*

Joseph B. Cofer, MD, FACS, *Chattanooga, TN*

Rachel R. Kelz, MD, MSCE, FACS, *Philadelphia, PA*

Sherry M. Wren, MD, FACS, *Stanford, CA*

Henry A. Pitt, MD, FACS, *Philadelphia, PA*

Session III

Tuesday, 1:15 - 3:30 pm

Break Out Sessions

Wrap Up/CME/Self-Assessment

Mary T. Hawn, MD, FACS, *Birmingham, AL*

Leigh A. Neumayer, MD, FACS, *Tucson, AZ*

Sponsored by: Surgical Research Committee

DC21 | Vascular Surgery for General Surgeons

TRACKS: GEN, RUS, VAS

8 credits, Verification Level II

Tuesday, October 28, 8:15 am - 5:45 pm

Location: Moscone West, Second Floor, Room 2010

CHAIR: Thomas H. Cogbill, MD, FACS, *La Crosse, WI*

CO-CHAIR: Joseph S. Giglia, MD, FACS, *Cincinnati, OH*

This course will review the essentials of vascular surgery, with emphasis on the knowledge and skills needed by general and rural surgeons who may not have immediate access to a vascular surgeon. Topics to be discussed include care of vascular emergencies and trauma, including ruptured aneurysm and the acutely ischemic limb, as well as the contemporary management of chronic vascular disease, including peripheral and carotid disease, venous disease, and AV access. Medical management of these conditions will be included in the discussion.

Session I

Tuesday, 8:15 - 10:15 am

MODERATOR: Joseph S. Giglia, MD, FACS, *Cincinnati, OH*

Arteriovenous Access for Dialysis—Kidney Disease Outcomes Quality Initiative (KDOQI) Guidelines and Management of Complications

Salvatore T. Scali, MD, FACS, *Gainesville, FL*

Management of Inferior Vena Cava (IVC) Filter Misadventures/Complications

John E. Rectenwald, MD, FACS, *Ann Arbor, MI*

Management of Indwelling Catheter Complications

Michael R. Go, MD, FACS, *Columbus, OH*

Lower Extremity Varicose Veins—Compression, Injection, Ultrasound-Guided Ablation, or Stripping?

Joann M. Lohr, MD, FACS, RVT, *Cincinnati, OH*

Session II

Tuesday, 10:30 am - 12:30 pm

MODERATOR: Thomas H. Cogbill, MD, FACS, *La Crosse, WI*

Contemporary Management of Venous Stasis Disease/Ulcers

Kellie R. Brown, MD, FACS, *Milwaukee, WI*

Carotid Endarterectomy Controversies—Anesthesia, Patching, Shunting, Stenting

John F. Eidt, MD, FACS, *Little Rock, AR*

Lower Extremity Occlusive Disease—Bypass or Endovascular Approach?

Spence M. Taylor, MD, FACS, *Greenville, SC*

Lower Extremity Amputations—Selection of Level and Role of Care Pathway

Robert F. Cuff, MD, FACS, *Grand Rapids, MI*

Session III

Tuesday, 1:30 - 2:00 pm

MODERATOR: Thomas H. Cogbill, MD, FACS, *La Crosse, WI*

Current Evaluation and Treatment of Acute Mesenteric Vascular Disease

R. James Valentine, MD, FACS, *Dallas, TX*

Management of Peripheral Arterial Trauma

Steven R. Shackford, MD, FACS, *San Diego, CA*

Rural Vascular Trauma

Thomas H. Cogbill, MD, FACS, *La Crosse, WI*

Traumatic Disruption of Thoracic Aorta—Open or Endovascular Repair?

Joseph S. Giglia, MD, FACS, *Cincinnati, OH*

Session IV

Tuesday, 3:45 - 5:45 pm

MODERATOR: Joseph S. Giglia, MD, FACS, *Cincinnati, OH*

Contemporary Management of Ruptured Abdominal Aortic Aneurysm

Charles J. Fox, MD, FACS, *Denver, CO*

Popliteal Aneurysm Repair—Open or Endovascular?

M. Ashraf Mansour, MD, *Grand Rapids, MI*

Femoral Artery Pseudoaneurysm Diagnosis and Management

Eric C. Scott, MD, *West Des Moines, IA*

Worrisome Vascular Findings on Thoracic and Abdominal CT Imaging

Matthew W. Mell, MD, FACS, *Stanford, CA*

Sponsored by: Advisory Council for Rural Surgery and the Advisory Council for Vascular Surgery

DC22 | Team-Based Care: Integrating Health Care Professionals into Surgical Practice

TRACKS: EDU, HP

(Pts)

4 credits, Verification Level II

Tuesday, October 28, 12:45 - 5:00 pm

Location: Moscone West, Second Floor, Room 2001

CHAIR: Reid B. Adams, MD, FACS, *Charlottesville, VA*

Most surgeons have limited knowledge regarding employment of, or collaborative practice with, other health care professionals (scribes, medical assistants, physician assistants, advance practice nurses, nurse practitioners, clinical pharmacists, and so on), yet it is clear that they are critical members of a highly functioning, team-based surgical practice that brings value through improved patient safety, satisfaction, and quality. Most surgeons want, or think they want, to partner with other health professionals in an employed or partner model. This course will educate surgeons about team-based care in the context of current changes in health care and the data regarding the impact of teams on patient outcomes. This course will review the education, training, and scope of practice

of these health professionals, how to choose the right members for your team, as well as the practicalities of credentialing, billing, and documenting for these team members. Finally, the role for interprofessional education in training surgeons and their team members will be discussed, along with the perspective of different stakeholders. At the conclusion of this course, surgeons will be able to list the benefits of team-based care, describe the roles of each team member, decide which type of professional is necessary for your team, and to hire, credential, bill, and document for a health professional team member. Success will ultimately benefit the patient, the caregivers and the institution/practice.

Session I

Tuesday, 12:45 - 1:45 pm

Introduction

MODERATOR: Reid B. Adams, MD, FACS, *Charlottesville, VA*

The Impact of Team-Based Care: Affordable Care Act (ACA), Accountable Care Organizations (ACOs), and Improving Patient Outcomes

David M. Mahvi, MD, FACS, *Chicago, IL*

Discussion

Session II: The Team: Who, When, and How?

Tuesday, 1:45 - 4:00 pm

Who? Non-Surgeon Health Professionals on the Team—Their Education, Training, and Scope of Practice

Virginia M. Herrmann, MD, FACS, *Charleston, SC*

When? Choosing the Correct Team Member(s): What are the Team's Needs, When Do You Address Them, and Who Best to Fill the Role?

Edward M. Barksdale, MD, FACS, *Cleveland, OH*

How? Billing Issues for Health Professionals

Virginia M. Herrmann, MD, FACS, *Charleston, SC*

How? Documentation Issues for Health Professionals

Richard H. Turnage, MD, FACS, *Little Rock, AR*

Panel Discussion

Virginia M. Herrmann, MD, FACS, *Charleston, SC*

Edward M. Barksdale, MD, FACS, *Cleveland, OH*

Richard H. Turnage, MD, FACS, *Little Rock, AR*

Session III: Educating the Team: Interprofessional Education

Tuesday, 4:00 - 5:00 pm

Goals and Methods of Interprofessional Education

Beth Turrentine, RN, PhD, *Charlottesville, VA*

Benefits of Interprofessional Education: The Learner's Perspective

Jacob R. Gillen, MD, *Charlottesville, VA*

The American College of Surgeons' Perspective

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*

Sponsored by: Committee on Interprofessional Education and Practice

DC23 | Reorganizing Care to Optimize Outcomes: How to Start an Enhanced Recover-after-Surgery Program at Your Hospital

TRACKS: CRS, EDU, GEN



6 credits, Verification Level II

Wednesday, October 29, 8:00 am - 3:30 pm

Location: Moscone West, Second Floor, Room 2000

CHAIR: Liane S. Feldman, MD, FACS, FRCS, *Montreal, QC*

CO-CHAIR: Conor P. Delaney, MCh, PhD, FACS, FASCRS, *Cleveland, OH*

Despite significant improvements in surgical techniques, a significant proportion of patients experience complications and prolonged recovery. Enhanced recovery pathways (ERP) are multidisciplinary perioperative care pathways that integrate and standardize preoperative, intraoperative, and postoperative care processes. Many of these evidence-based interventions challenge traditional surgical, anesthetic, and nursing care (for example, early feeding, modern fasting guidelines, goal-directed fluid therapy and so on). ERPs have been demonstrated to decrease length of stay and complications after colorectal, gastric, orthopaedic, and gynecologic surgery, among others. However adoption of ERPs has been slow. ERPs are complex interventions and adoption requires integration of care processes involving multiple stakeholders, including surgeons, anesthesiologists, nurses, and patients. This course will be a practical review of the components to create an ERP program in digestive surgery and will discuss strategies for reorganization of care.

Session 1: Preoperative Elements

Wednesday, 8:00 - 10:00 am

MODERATOR: Conor P. Delaney, MCh, PhD, FACS, FASCRS, *Cleveland, OH*

Introduction to Enhanced Recovery for Gastrointestinal Surgery: Rationale and Overview

Liane S. Feldman, MD, FACS, FRCS, *Montreal, QC*

Preoperative Education and Prehabilitation: The Patient at the Center of Care

Francesco Carli, MD, FRCA, FRCPC, *Montreal, QC*

Why NPO after Midnight? Coming to Surgery Fed

Gabriele Baldini, MD, MSc, *Montreal, QC*

Bowel Preparation for Colorectal Surgery: What's the Evidence?

Scott R. Steele, MD, FACS, FASCRS, *Fort Lewis, WA*

Prevention of Surgical Site Infection and Deep Vein Thrombosis: Best Practices

Jonathan E. Efron, MD, FACS, *Baltimore, MD*

The Role of Anesthesia in Improving (or Delaying) Recovery

Francesco Carli, MD, FRCA, FRCPC, *Montreal, QC*

Panel Discussion

Conor P. Delaney, MCh, PhD, FACS, FASCRS, *Cleveland, OH*

Liane S. Feldman, MD, FACS, FRCS, *Montreal, QC*
 Francesco Carli, MD, FRCA, FRCPC, *Montreal, QC*
 Gabriele Baldini, MD, MSc, *Montreal, QC*
 Scott R. Steele, MD, FACS, FASCRS, *Fort Lewis, WA*
 Jonathan E. Efron, MD, FACS, *Baltimore, MD*
 Francesco Carli, MD, FRCA, FRCPC, *Montreal, QC*

Session 2: Intraoperative and Postoperative Elements

Wednesday, 10:15 am - 12:00 Noon

MODERATOR: Julie K. Marosky Thacker, MD, FACS, FASCRS, *Durham, NC*

Laparoscopic or Open Within and ERP: Does It Matter?

David W. Larson, MD, MBA, FACS, FASCRS, *Rochester, MN*

Prevention of Ileus and Postoperative Nausea and Vomiting (PONV): What's New?

Kirk A. Ludwig, MD, FACS, FASCRS, *Milwaukee, WI*

Fluid Therapy

Gabriele Baldini, MD, MSc, *Montreal, QC*

Management of Tubes, Drains, Catheters, and Lines

Julie K. Marosky Thacker, MD, FACS, FASCRS, *Durham, NC*

Multimodal Analgesia and Opiate Sparing Techniques

Brian J. Dunkin, MD, FACS, *Houston, TX*

Early Nutrition and Early Ambulation—Making It Happen

Anthony J. Senagore, MD, FACS, *Saginaw, MI*

Panel Discussion

Julie K. Marosky Thacker, MD, FACS, FASCRS, *Durham, NC*

David W. Larson, MD, MBA, FACS, FASCRS, *Rochester, MN*

Kirk A. Ludwig, MD, FACS, FASCRS, *Milwaukee, WI*

Gabriele Baldini, MD, MSc, *Montreal, QC*

Brian J. Dunkin, MD, FACS, *Houston, TX*

Anthony J. Senagore, MD, FACS, *Saginaw, MI*

Session 3: Outcomes of Enhanced Recovery after Surgery (ERAS)

Wednesday, 1:00 - 2:15 pm

MODERATOR: Francesco Carli, MD, FRCA, FRCPC, *Montreal, QC*

Clinical Outcomes of the Enhanced Recovery after Surgery Approach

Raul M. Bosio, MD, *Cleveland, OH*

Cost Effectiveness of ERAS: Making the Business Case

Lawrence Lee, MD, MSc, *Montreal, QC*

Creating a Culture of ERAS: Building Your Team and Managing Change

Ravi P. Kiran, MB, BS, MS, FACS, FRCSEng, FRCSEng, MscOxford, *New York, NY*

Panel Discussion

Francesco Carli, MD, FRCA, FRCPC, *Montreal, QC*

Raul M. Bosio, MD, *Cleveland, OH*

Lawrence Lee, MD, MSc, *Montreal, QC*

Ravi P. Kiran, MB, BS, MS, FRCSEng, FRCSEng, MscOxford, *New York, NY*

Session 4: Putting It All Together in the Real World

Wednesday, 2:30 - 3:30 pm

MODERATOR: Liane S. Feldman, MD, FACS, FRCS,
Montreal, QC

My ERP for Colorectal Surgery

Conor P. Delaney, MCh, PhD, FACS, FASCRS,
Cleveland, OH

My ERP for Bariatric Surgery

Rajesh Aggarwal, MD, PhD, FRCS, *Philadelphia, PA*

My ERP for Esophageal Surgery

Lorenzo E. Ferri, MD, PhD, FACS, *Montreal, QC*

Panel Discussion

Liane S. Feldman, MD, FACS, FRCS, *Montreal, QC*Conor P. Delaney, MCh, PhD, FACS, FASCRS, *Cleveland, OH*Rajesh Aggarwal, MD, PhD, FRCS, *Philadelphia, PA*Lorenzo E. Ferri, MD, PhD, FACS, *Montreal, QC**Sponsored by: Committee on Emerging Surgical
Technology and Education***DC24 | Non-Technical Skills for
Surgeons (NOTSS) in the Operating
Room: Behaviors in High-
Performing Teams**

TRACK: EDU



7 credits, Verification Level II

Wednesday, October 29, 8:30 am - 5:00 pm

*Location: Moscone West, Second Floor, Room 2010*CHAIR: Douglas S. Smink, MD, FACS, *Boston, MA*CO-CHAIR: Steven J. Yule, PhD, *Boston, MA*

Non-technical skills (situation awareness, decision making, leadership, communication, and teamwork) are increasingly considered essential for the successful surgeon. The aim of this workshop is to raise awareness of the impact of non-technical skills on surgical performance. The workshop will be structured around the four categories of non-technical skills detailed in the NOTSS skills taxonomy. The conceptual background for each category will be briefly described. Participants will then view and discuss simulated operations, focusing on the observable behaviors of the surgeons involved. Structured methods of analyzing behavior will be used to aid this process in an interactive manner. Participants will gain knowledge of the NOTSS handbook and learn to identify and assess non-technical skills in the operating room.

Session I

Wednesday, 8:30 - 10:05 am

Introduction to NOTSS

Douglas S. Smink, MD, FACS, *Boston, MA*

Situation Awareness

Steven J. Yule, PhD, *Boston, MA*

Small Group (Situation Awareness)

Session II

Wednesday, 10:20 - 11:40 am

Decision-Making

Douglas S. Smink, MD, FACS, *Boston, MA*

Small Group (Decision-Making)

Douglas S. Smink, MD, FACS, *Boston, MA*

Cognitive Skills: Putting It Together

Douglas S. Smink, MD, FACS, *Boston, MA***Session III**

Wednesday, 12:40 - 2:20 pm

Teamwork and Communication

Samuel R. G. Finlayson, MD, MPH, FACS, *Salt Lake City, UT*

Small Group (Teamwork and Communication)

Leadership

George G. Youngson, CBE, MBChB, PhD, FRCPE,
FRCSEd, *Aberdeen, Scotland*

Small Group (Leadership)

Session IV

Wednesday, 2:35 - 4:00 pm

Social Skills: Putting It Together

George G. Youngson, CBE, MBChB, PhD, FRCPE,
FRCSEd, *Aberdeen, Scotland*

Rating Behaviors Using NOTSS

Steven J. Yule, PhD, *Boston, MA*

Wrap-Up

Steven J. Yule, PhD, *Boston, MA*Douglas S. Smink, MD, FACS, *Boston, MA**Sponsored by: Division of Education***DC25 | Annual Update in Surgical
Critical Care**

TRACK: TRA



8 credits, Verification Level II

Wednesday, October 29, 8:30 am - 6:00 pm

*Location: Moscone West, Second Floor, Room 2003*CHAIR: Lena M. Napolitano, MD, FACS, FCCP, FCCM, *Ann Arbor, MI*CO-CHAIR: Heidi L. Frankel, MD, FACS, *Pasadena, CA*

The field of surgical critical care is undergoing rapid change. The purpose of this session is to provide a succinct, practical review of the major changes that should be integrated into the practices of those that attend these sessions. This will be a fast-paced review of the relevant changes to critical care practices that have occurred over the last year. Dynamic experts in the field will review the literature and provide tips and tricks for implementing these changes into practice.

Session I

Wednesday, 8:30 - 10:45 am

MODERATOR:

Lena M. Napolitano, MD, FACS, FCCP, FCCM,
Ann Arbor, MI

Heidi L. Frankel, MD, FACS, *Pasadena, CA*

Introduction and Welcome

Heidi L. Frankel, MD, FACS, *Pasadena, CA*

Lena M. Napolitano, MD, FACS, FCCP, FCCM,
Ann Arbor, MI

Pulmonary: Acute Respiratory Distress Syndrome
(ARDS) and Ventilators

Pauline K. Park, MD, FACS, *Ann Arbor, MI*

Pulmonary: Physiology, Ventilator-associated
Pneumonia (VAP), Deep Vein Thrombosis (DVT),
Pulmonary Embolism (PE)

Forrest O'Dell Moore, MD, FACS, *Phoenix, AZ*

Cardiovascular: Shock, Monitoring

Donald H. Jenkins, MD, FACS, *Rochester, MN*

Cardiovascular: Devices

Fred A. Luchette, MD, MSc, FACS, *Chicago, IL*

Session II

Wednesday, 11:00 am - 1:00 pm

Trauma

Kenji Inaba, MD, FACS, FRCS, *Los Angeles, CA*

Administration

Marc A. de Moya, MD, FACS, *Boston, MA*

Infection Control

Shea C. Gregg, MD, FACS, *Bridgeport, CT*

Infectious Disease

Heather L. Evans, MD, MS, FACS, *Seattle, WA*

Session III

Wednesday, 2:00 - 4:00 pm

Renal

Lewis J. Kaplan, MD, FACS, FCCM, FCCP,
Philadelphia, PA

Endocrine, Electrolytes

Lillian S. Kao, MD, MS, FACS, *Houston, TX*

Gastrointestinal

Matthew R. Rosengart, MD, FACS, *Pittsburgh, PA*

Nutrition

Robert G. Martindale, MD, PhD, FACS, *Portland, OR*

Session IV

Wednesday, 4:15 - 6:00 pm

Burns

Steven E. Wolf, MD, FACS, *Dallas, TX*

Neurologic Diseases

Deborah M. Stein, MD, MPH, FACS, FCCM,
Baltimore, MD

Hematology

Terence O'Keefe, MBChB, MSPH, FACS, *Tucson, AZ*

Pharmacology

Krista L. Kaups, MD, MSc, FACS, *Fresno, CA*

Sponsored by: Committee on Trauma

DC26 | Contemporary Management of Common Anorectal Problems

TRACKS: CRS, GEN, RUS

6 credits, Verification Level II

Wednesday, October 29, 9:00 am - 4:30 pm

Location: Moscone West, Second Floor, Room 2001

CHAIR: Stephen M. Sentovich, MD, FACS, *Duarte, CA*

CO-CHAIR: Scott R. Steele, MD, FACS, FASCRS, *Fort Lewis, WA*

Management of hemorrhoids, anal fistulas, anal fissures, and pilonidal sinus are a major component of general surgery practice. Over the past decade, many new technologies have appeared on the scene, making it challenging for the contemporary surgeon to decide where they fit in day-to-day practice.

Session I

Wednesday, 9:00 - 10:50 am

Evaluating Patients with Anorectal Disease

Amy J. Thorsen, MD, *Minneapolis, MN*

Everyone Has 'Rhoids! How to Take Care of Hemorrhoids

Bradley J. Champagne, MD, FACS, FASCRS,
Cleveland, OH

Fissure and Recurrent Fissure: A Pain in the End

Todd D. Francone, MD, MPH, *Burlington, MA*

Anal Condyloma and Acute Interstitial Nephritis (AIN): Point/Counterpoint

Mark L. Welton, MD, MHCM, FACS, FASCRS,
Stanford, CA

Anal Condyloma and AIN: Counterpoint

Richard P. Billingham, MD, FACS, *Seattle, WA*

Panel Discussion

Amy J. Thorsen, MD, *Minneapolis, MN*

Bradley J. Champagne, MD, FACS, FASCRS,
Cleveland, OH

Todd D. Francone, MD, MPH, *Burlington, MA*

Mark L. Welton, MD, MHCM, FACS, FASCRS,
Stanford, CA

Richard P. Billingham, MD, FACS, *Seattle, WA*

Session II

Wednesday, 11:05 am - 12:30 pm

The Small Things Matter: Perioperative Care of the Anorectal Surgery Patient

Howard M. Ross, MD, FACS, FASCRS, *Philadelphia, PA*

Just a Little Pit about Pilonidal Disease

Eric K. Johnson, MD, FACS, FASCRS, *Joint Base
Lewis McChord, WA*

Anorectal Emergencies: Pus, Trauma, and Foreign Body

Justin A. Maykel, MD, FACS, *Worcester, MA*

Everything You Need to Know About Anal Fistulas

Joshua I. Bleier, MD, FACS, FASCRS, *Philadelphia, PA*

Panel Discussion

Howard M. Ross, MD, FACS, FASCRS, *Philadelphia, PA*

Eric K. Johnson, MD, FACS, FASCRS, *Joint Base Lewis McChord, WA*

Justin A. Maykel, MD, FACS, *Worcester, MA*

Joshua I. Bleier, MD, FACS, FASCRS, *Philadelphia, PA*

Session III

Wednesday, 1:30 - 2:45 pm

Anorectal Disease in Pics and Videos

Diagnostic and Treatment Dilemmas: Hidradenitis, Pruritus, and Proctalgia

Bradley R. Davis, MD, FACS, FASCRS, *Cincinnati, OH*

What Can I Do for My Patients with Fecal Incontinence?

Muneera R. Kapadia, MD, FACS, *Iowa City, IA*

Got Stool? Evaluation and Management of Constipation/Obstructed Defecation

Madhulika G. Varma, MD, FACS, *San Francisco, CA*

Panel Discussion

Bradley R. Davis, MD, FACS, FASCRS, *Cincinnati, OH*

Muneera R. Kapadia, MD, FACS, *Iowa City, IA*

Madhulika G. Varma, MD, FACS, *San Francisco, CA*

Session IV

Wednesday, 3:00 - 4:30 pm

Transanal Excision: Indications, Techniques, and Pitfalls

Charles B. Whitlow, MD, FACS, *New Orleans, LA*

I Never Thought This Could Happen! Complications of Anorectal Surgery

Daniel L. Feingold, MD, FACS, *New York, NY*

Getting Paid: Coding Anorectal Procedures

Anthony J. Senagore, MD, FACS, *Saginaw, MI*

Medico-Legal Issues Related to Anorectal Surgery

Terrell C. Hicks, MD, FACS, *New Orleans, LA*

A Tight Situation: Anal Stenosis

Lester Rosen, MD, FACS, FASCRS, *Boca Raton, FL*

Discussion and Case Presentations: The Tough Ones

Sponsored by: Advisory Council for Colon and Rectal Surgery

Meet-the-Expert Luncheons

The Meet-the-Expert Luncheons provide an informal venue for surgical experts to converse with Clinical Congress attendees. Case-based discussions are encouraged. Luncheon tickets are available for purchase by all Clinical Congress attendees and provide one CME credit hour. Seating capacity is limited.

All luncheons will take place in Moscone South, Mezzanine Level. See room number below:

Monday, October 27

1:15 - 2:15 pm

ME101 Evidence-Based Treatment of Incisional Hernias

Location: 236

TRACK: GEN

FACILITATOR: Jose J. Diaz, MD, FACS, FCCM, *Baltimore, MD*

ME102 Antireflux Gadgets and Gimmicks

Location: 224

TRACK: GEN

FACILITATOR: Brant K. Oelschlager, MD, FACS, *Seattle, WA*

(PtS)

ME103 Best Approaches to Nipple-Sparing Mastectomy

Location: 222

TRACK: GEN

FACILITATOR: Jay K. Harness, MD, FACS, *Orange, CA*

ME104 Crohn's Disease: Bring Your Toughest Cases

Location: 220

TRACKS: CRS, GEN

FACILITATOR: Fabrizio Michelassi, MD, FACS, *New York, NY*

ME105 What Is Patient-Centered Outcomes Research and What Does It Mean to Your Practice?

Location: 208/210

TRACKS: BTR, EDU

FACILITATOR: David R. Flum, MD, MPH, FACS, *Seattle, WA*

(PtS)

ME106 Helping Surgeons Resolve Conflicts About End-of-Life Decisions

Location: 258/260

TRACKS: ETH, GER

FACILITATORS:

Eric A. Singer, MD, *Belle Mead, NJ*

Alexandra M. Easson, MD, FACS, *Toronto, ON*

(E) (PA)

ME107 How to Use and Interpret Molecular Genetic Studies Done on Thyroid FNA

Location: 238

TRACKS: EDU, OTO

FACILITATOR: Sally E. Carty, MD, FACS, *Pittsburgh, PA*

ME108 Lymphedema after Breast Surgery

Location: 232

TRACKS: GEN, ONC

FACILITATOR: Pat W. Whitworth, MD, FACS, *Nashville, TN*

ME109 Medullary Thyroid Carcinoma 101: What Do You Need to Know?

Location: 230

TRACKS: GEN, ONC

FACILITATORS:

Douglas B. Evans, MD, FACS, *Milwaukee, WI*

Tracy S. Wang, MD, MPH, FACS, *Milwaukee, WI*

ME110 Minimally Invasive Parathyroidectomy: How I Do It

Location: 226

TRACKS: GEN, OTO

FACILITATOR: Robert Udelsman, MD, FACS, FACE, *New Haven, CT*

ME111 Surgical Management of Congenital Chest Wall Deformities

Location: 212

TRACKS: CTS, PED

FACILITATOR: Gary W. Raff, MD, FACS, *Sacramento, CA*

ME112 The Relationship and Role of the Surgeon in Designing and Implementing Accountable Care Organizations (ACOs)

Location: 262

TRACKS: HP

FACILITATOR: Stephen T. Bartlett, MD, FACS, *Baltimore, MD*

ME113 TNM Cancer Staging: Is It Still Relevant?

Location: 228

TRACKS: ONC

FACILITATOR: David R. Byrd, MD, FACS, *Seattle, WA*

ME114 Total Mesorectal Excision: When and How

Location: 250

TRACK: CRS

FACILITATOR: Steven D. Wexner, MD, PhD(Hon), FACS, FRCS, FRCSEd, *Weston, FL*

ME115 Treatment Options for Anal Fissure

Location: 256

TRACK: CRS

FACILITATOR: Amir L. Bastawrous, MD, FACS, *Seattle, WA*

ME116 Efficient Disease Management: The Geisinger Model for Cancer Care

Location: 200

TRACKS: GEN, ONC

FACILITATOR: Matthew A. Facktor, MD, FACS, *Danville, PA*

Tuesday, October 28

11:30 am - 12:30 pm

ME201 A Framework for Conducting Quality Improvement Projects in a Cancer Surgical Practice

Location: 258/260

TRACKS: GEN, ONC

FACILITATORS:

Robert R. Cima, MD, FACS, FASCRS, *Rochester, MN*
Perry Shen, MD, FACS, *Winston-Salem, NC*

(PtS)

ME202 Anorectal Surgery

Location: 236

TRACK: CRS

FACILITATOR: Herand Abcarian, MD, FACS, *Chicago, IL*

ME203 Management of the Axilla in T1 or T2 Breast Cancer

Location: 250

TRACKS: GEN, ONC

FACILITATOR: Monica Morrow, MD, FACS, *New York, NY*

ME204 Bundling Payment in Surgical Services

Location: 208/210

TRACKS: HP, OTO

FACILITATOR: Robert R. Lorenz, MD, FACS, *Cleveland, OH*

ME205 Current Management of Thyroid Nodules

Location: 262

TRACK: OTO

FACILITATOR: Carmen C. Solorzano, MD, FACS, *Nashville, TN*

ME206 Diverticulitis Decision Making for the Acute Care Surgeon

Location: 212

TRACK: GEN

FACILITATOR: Tonia M. Young-Fadok, MD, FACS, FASCRS, *Phoenix, AZ*

(PtS)

ME207 Enteral Access for Nutrition: Tips and Tricks

Location: 222

TRACK: GEN

FACILITATOR: Frederick A. Moore, MD, FACS, *Gainesville, FL*

ME208 Evaluation and Management of Pancreatic Cysts

Location: 228

TRACK: GEN

FACILITATOR: Peter J. Allen, MD, FACS, *New York, NY*

ME209 Genitourinary Trauma

Location: 230

TRACKS: TRA, URO

FACILITATOR: Hunter B. Wessells, MD, FACS, *Seattle, WA*

(T)

ME210 Is My Patient Frail? Assessment and Clinical Implications for Cancer Surgery

Location: 224

TRACKS: GEN, ONC

FACILITATOR: Mark K. Ferguson, MD, FACS, *Chicago, IL*

(PtS)

ME211 Laparoscopic Hernia Repair: My Tips and Techniques

Location: 256

TRACK: GEN

FACILITATOR: Daniel M. Herron, MD, FACS, *New York, NY*

ME212 Early Post-Laparoscopic Cholecystectomy Abdominal Pain

Location: 200

TRACK: GEN

FACILITATOR: Keith D. Lillemoe, MD, FACS, *Boston, MA*

(PM)

ME213 Necrotizing Soft-Tissue Infections

Location: 226

TRACK: GEN

FACILITATOR: Eileen M. Bulger, MD, FACS, *Seattle, WA*

(PtS)

ME214 Neuroendocrine Tumors of the Pancreas 101: What Do I Need to Know?

Location: 238

TRACK: GEN

FACILITATOR: Geoffrey B. Thompson, MD, FACS, *Rochester, MN*

ME215 The Reality of Starting a New Line of Service: Keys to Success

Location: 220

TRACKS: HP, RES/MED

FACILITATORS:

Adnan A. Alseidi, MD, FACS, *Seattle, WA*
Samer G. Mattar, MB, BCh, FACS, *Portland, OR*
S. Rob Todd, MD, FACS, *New York, NY*

Wednesday, October 29

11:30 am - 12:30 pm

ME301 Addressing Chronic Pain Following Inguinal Hernia Repair

Location: 250

TRACK: GEN

FACILITATOR: John B. Hanks, MD, FACS, *Charlottesville, VA*

(PM)

ME302 Anorectal Abscesses and Fistulae

Location: 256

TRACK: CRS

FACILITATOR: Richard P. Billingham, MD, FACS, *Seattle, WA*

ME303 Approaches to Acute Pancreatitis

Location: 228

TRACK: GEN

FACILITATOR: Grant E. O'Keefe, MD, FACS, *Seattle, WA*

(PtS)

ME304 Complex Abdominal Trauma

Location: 200

TRACKS: GEN, TRA

FACILITATOR: David V. Feliciano, MD, FACS, *Indianapolis, IN*

(PtS) (T)

ME305 Minimally Invasive Treatment for Pancreatic Debridement*Location: 212*

TRACK: GEN

FACILITATOR: Michael G. Sarr, MD, FACS, *Rochester, MN***ME306 Fixation of Rib Fractures***Location: 238*

TRACK: GEN

FACILITATOR: Thomas K. Varghese, Jr., MD, FACS, *Seattle, WA***ME307 Gastric Cancer: Current Techniques and Controversies***Location: 226*

TRACKS: GEN, ONC

FACILITATOR: Carl R. Schmidt, MD, FACS, *Columbus, OH***ME308 Gizmos and Gadgets in the ICU***Location: 230*

TRACK: TRA

FACILITATOR: Peter M. Rhee, MD, MPH, FACS, FCCM, *Tucson, AZ***ME309 Laparoscopic and Robotic Surgery for the Pancreas: Is It For Me?***Location: 208/210*

TRACKS: GEN, HP

FACILITATOR: Steven J. Hughes, MD, FACS, *Gainesville, FL***ME310 Liver Resections: My Toughest Cases***Location: 258/260*

TRACK: GEN

FACILITATOR: Timothy M. Pawlik, MD, MPH, PhD, FACS, *Baltimore, MD***ME311 Breast Cancer Management in 2014***Location: 236*

TRACK: GEN, ONC

FACILITATOR: Lee G. Wilke, MD, FACS, *Madison, WI***ME312 Nonoperative Management of Appendicitis***Location: 262*

TRACK: GEN

FACILITATOR: Michael J. Stamos, MD, FACS, FASCRS, *Orange, CA***ME313 Peri- and Postoperative Challenges of the Esophagectomy Patient***Location: 220*

TRACKS: CTS, GEN

FACILITATOR: Rishindra M. Reddy, MD, FACS, *Ann Arbor, MI***ME314 Practical Tips for Thyroidectomy***Location: 222*

TRACK: OTO

FACILITATOR: Ashok R. Shaha, MD, FACS, *New York, NY***ME315 Abdominal Compartment Syndrome***Location: 224*

TRACK: GEN

FACILITATOR: Rao R. Ivatury, MD, FACS, *Richmond, VA*

Panel Sessions

Monday, October 27

PS100 | 9:45 - 11:15 am

Laparoscopic Cholecystectomy: A Nickel-and-Dime Operation with a Million Dollar Complication

Location: Moscone South, Esplanade Level, Room 307-310

TRACK: GEN

MODERATOR: David L. Berger, MD, FACS, *Boston, MA*

CO-MODERATOR: Nathaniel J. Soper, MD, FACS, *Chicago, IL*

This panel will explore the pitfalls and complications that may occur when doing a routine cholecystectomy. Discussants will focus on biliary tree injuries from bilomas to major ductal disruptions, as well as arterial injuries and postoperative bleeding. Every surgeon performing laparoscopic cholecystectomies will have complications; it is only a question of when and how they are addressed.

Introduction

Nathaniel J. Soper, MD, FACS, *Chicago, IL*

Causes and Prevention of Bile Duct Injury

Steven M. Strasberg, MD, FACS, *St. Louis, MO*

The Importance of the Posterior Triangle

David L. Berger, MD, FACS, *Boston, MA*

Classification and Treatment of Bile Duct Injury

Keith D. Lillemoe, MD, FACS, *Boston, MA*

Bilomas and Vascular injuries

David W. Rattner, MD, FACS, *Boston, MA*

Sponsored by: Advisory Council for General Surgery

PS101 | 9:45 - 11:15 am

Innovative Approaches of Anastomotic Leaks after Bowel Resection: Dealing with Disaster

Location: Moscone West, Third Floor, Ballroom

TRACK: CRS

MODERATOR: Robert D. Fry, MD, FACS, *Philadelphia, PA*

CO-MODERATOR: Matthew G. Mutch, MD, FACS, *St. Louis, MO*

This panel will address the evolving concepts in management (for example, the relative role of surgery versus radiologic intervention) and discuss the new technologies, including stents and endoluminal approaches, which can combine with general surgery to include foregut leaks, as well.

Introduction

Conor P. Delaney, MCh, PhD, FACS, FASCRS, *Cleveland, OH*

Predictors of Risk and Classification of Anastomotic Leaks

Conor P. Delaney, MCh, PhD, FACS, FASCRS, *Cleveland, OH*

Early Recognition and Treatment of Leaks after Upper Gastrointestinal (GI) and Bariatric Surgery

Jeffrey L. Ponsky, MD, FACS, *Cleveland, OH*

New Techniques to Prevent an Old Problem:

Leaks after Distal Pelvic Anastomosis (Including Compression Anastomosis, Buttressing with Seamguard and Fluorescence Imaging)

Steven D. Wexner, MD, PhD(Hon), FACS, FRCS, FRCSEd, *Weston, FL*

Minimally Invasive Methods of Treating Anastomotic Leaks (Including Stenting, Endo Sponge, and Percutaneous Drainage)

Thomas E. Read, MD, FACS, *Burlington, MA*

Sponsored by: Advisory Council for Colon and Rectal Surgery

PS102 | 9:45 - 11:15 am

The Gut Microbiome: A Surgeon's Hostile Adversary or Secret Savior

Location: Moscone West, Third Floor, Room 3014/3016/3018

TRACKS: BTR, GEN

MODERATOR: John C. Alverdy, MD, FACS, *Chicago, IL*

CO-MODERATOR: Amelia M. Bartholomew, MD, FACS, *Chicago, IL*

Gut bacteria have traditionally been viewed as a surgeon's worthy adversary, able to wreak devastating infectious complications despite careful antibiotic use. New evidence suggests the gut microbiome may play a nurturing role in maintaining gut integrity and potentially tip the balance between health and disease. Discussion of the gut microbiome organization, various subpopulations, and how changes in bacterial composition impact the development of disease will be presented. The panel will discuss emerging evidence on the impact of bacterial subpopulations and their maintenance in gut and overall health. Participants will receive updates on the newest concepts in probiotics, macro/micro nutrient enrichment, and explore future potential strategies in nonantibiotic based manipulation of the gut microbiome to optimize health.

Introduction

John C. Alverdy, MD, FACS, *Chicago, IL*

The Gut Microbiome: New Paradigms for the Surgeon

Michael Fischbach, PhD, *San Francisco, CA*

Can the Gut Microbiome Improve Surgical Treatment?

Michael J. Morowitz, MD, *Pittsburgh, PA*

Fighting Fire with Fire: Fecal Transplants, a New Way to Treat Sepsis

John C. Alverdy, MD, FACS, *Chicago, IL*

Sponsored by: Committee for the Forum on Fundamental Surgical Problems, Advisory Council for General Surgery, and Surgical Research Committee

PS103 | 9:45 - 11:15 am**Free Flap Surgery: The Revolution of Reconstruction***Location: Moscone South, Esplanade Level, Room 303*

TRACKS: CTS, OTO, PLA

MODERATOR: Peter C. Neligan, MB, BCh, FACS, *Seattle, WA*CO-MODERATOR: David W. Mathes, MD, FACS, *Seattle, WA*

Once regarded as risky, rare, and expensive, free flap surgery has proliferated to include minimally invasive harvest techniques and even 23-hour hospital stays. Uses of free flaps have expanded beyond malignancy reconstruction to include benign disease such as facial paralysis treatment, osteoradionecrosis and abdominal wall defect repair, and posttraumatic defects. What has the evolution of this technique taught us as a surgical community and what innovative uses might have applicability to your patients? Get caught up on current trends and uses for this widely used, modern-day surgical technique.

IntroductionPeter C. Neligan, MB, BCh, FACS, *Seattle, WA***The Impact of Free Flaps in Trauma**Michael W. Neumeister, MD, *Springfield, IL***Free Flap Surgery in the Head and Neck**Peirong Yu, MD, FACS, *Houston, TX***Free Flaps in Oncology**Samir Mardini, MD, *Rochester, MN***Free Vascularized Lymph Node Transfer**David W. Chang, MD, FACS, *Houston, TX*

Sponsored by: Advisory Council for Plastic and Maxillofacial Surgery and the Advisory Council for Otolaryngology Head & Neck Surgery

PS104 | 9:45 - 11:15 am**Image-Guided Surgery: Progress and Promise***Location: Moscone South, Esplanade Level, Room 304/306*

TRACKS: GEN, RES/MED

MODERATOR: Eben L. Rosenthal, MD, FACS, *Birmingham, AL*CO-MODERATOR: Brendan C. Visser, MD, FACS, *Stanford, CA*

This course will evaluate intraoperative imaging strategies including fluorescence angiography and strategies to identify of cancer. Optical contrast angiography using indocyanine green is currently used to measure tissue perfusion during breast reconstruction to improve outcomes. In oncologic surgery, optical agents are used for lymph node mapping and novel agents have been developed to identify sub-clinical disease to guide resection of local, regional and metastatic disease in real time during ablative surgery. The strategies for imaging cancer that are in clinical trials will be discussed for several fields including breast surgery, neurosurgery, skin cancer and oral cavity cancer.

**Introduction**Brendan C. Visser, MD, FACS, *Stanford, CA***Antibody-Based Imaging for Surgical Resections**Eben L. Rosenthal, MD, FACS, *Birmingham, AL***Fluorescence-Guided Resection of Brain Tumors**David W. Roberts, MD, FACS, *Lebanon, NH***Fluorescence Angiography for Breast Reconstruction**Geoffrey C. Gurtner, MD, FACS, *Stanford, CA***Fluorescent Lymphatic Mapping in Gynecology**Nadeem R. Abu Rustum, MD, FACS, *New York, NY***Optical Imaging to Define Margins in Breast Cancer**Lee G. Wilke, MD, FACS, *Madison, WI*

Sponsored by: Committee for the Forum on Fundamental Surgical Problems and the Committee on Emerging Surgical Technology and Education

PS105 | 9:45 - 11:15 am**The Surgeon's Role in Reducing Health Care Costs***Location: Moscone North, Exhibit Level, Room 132-133*

TRACKS: EDU, HP

MODERATOR: Jiping Wang, MD, PhD, FACS, *Boston, MA*CO-MODERATOR: Alberto R. Ferreres, MD, PhD, JD, MPH, FACS, *Buenos Aires, Argentina, CF Argentina*

Health care costs continue to increase and a variety of solutions have been sought in the last few years to reduce costs and make it affordable. What is the role of the surgeon? A panel of national/international experts will give an in-depth discussion on tough cost issues facing surgeons, such as: (1) ordering tests or performing procedures due to the need to practice defensive medicine on specific patients; (2) the use of antibiotics, total parenteral nutrition, albumin usage, blood, or Factor V/VII transfusion for marginal indications; (3) the costs of potentially unnecessary procedures and preventable errors; and (4) being asked to use all measures in a planned procedure to "save" a patient's life by family members, but withdraw care soon after the surgery.

IntroductionJiping Wang, MD, PhD, FACS, *Boston, MA***Surgeon Decision Making as a Driver of Health Care Costs**David R. Flum, MD, MPH, FACS, *Seattle, WA***Surgery at the End of Life: Do Everything or Do Less**James K. Elsey, MD, FACS, *Lawrenceville, GA***How Do We Move to Value-Based Surgical Care?**Stanley W. Ashley, MD, FACS, *Boston, MA***Are All Surgical Interventions Grounded and Necessary?**Alberto R. Ferreres, MD, PhD, JD, MPH, FACS, *Buenos Aires, Argentina***Rationale in the Operating Room**Sricharan Chalikonda, MB, BS, FACS, *Shaker Heights, OH*

Sponsored by: Surgical Research Committee



PS106 | 9:45 - 11:15 am

My Cup Runneth Over: Surgeon Suffering and Burnout*Location: Moscone West, Second Floor, Room 2002/2004*

TRACKS: EDU, GER

MODERATOR: Erika R. Ketteler, MD, FACS, *Albuquerque, NM*CO-MODERATOR: Gregory R. D. Evans, MD, FACS, *Orange, CA*

This interactive panel will explore the suffering that surgeons experience that could lead to burnout. Attendees will engage with audience response systems and social media resources to create a lively dialogue with the panelists. These topics include: (1) The Sky Is Falling! Stressors Affecting Surgeons in the Current Practice Environment; (2) Can Social Media Provide a Tool to Reduce Surgeon Suffering and Burnout?; (3) Airing Our Dirty Linen: Reflecting on Our Poor Outcomes and Deaths; and (4) The Introspective Surgeon: Reflection Can Be a Surgical Skill to Counteract Burnout.

IntroductionErika R. Ketteler, MD, FACS, *Albuquerque, NM***Airing Our Dirty Linen: Reflecting on Our Poor Outcomes and Deaths**Daniel B. Hinshaw, MD, FACS, *Ann Arbor, MI***The Introspective Surgeon: Using Reflection as a Surgical Skill to Counteract Burnout**Carol-anne Moulton, MB, BS, FRACS, MEd, PhD, *Toronto, ON***The Sky Is Falling! Challenges and Stressors Affecting Surgeons in the Current Practice Environment**Darrell A. Campbell, MD, FACS, *Ann Arbor, MI***Is Social Media a Useful Tool to Assist in Surgeon Suffering and Burnout?**Erika R. Ketteler, MD, FACS, *Albuquerque, NM***Summary**Gregory R.D. Evans, MD, FACS, *Orange, CA**Sponsored by: Advisory Councils for the Surgical Specialties*

PS107 | 9:45 am - 12:15 pm

Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2014 Volunteerism and Humanitarian Award Winners*Location: Moscone South, Exhibit Level, Room 102*

TRACKS: HUM, INT

MODERATOR: Kevin E. Behrns, MD, FACS, *Gainesville, FL*CO-MODERATOR: Francis D. Ferdinand, MD, FACS, *Wynnewood, PA*

This plenary session showcases the 2014 Volunteerism and Humanitarian Award winners who will share insights into their motivation, accomplishments, and lessons learned related to humanitarian surgical outreach. The honorees' stories will be complemented by presentations from other innovators and leaders in surgical outreach to create a robust portrayal of this complex work. Together, they will form the basis for a



lively question-and-answer segment at the conclusion of the session.

IntroductionKevin E. Behrns, MD, FACS, *Gainesville, FL***Humanitarian Efforts**Harry S. Brown, MD, FACS, *Santa Barbara, CA***Domestic Volunteerism**Scott A. Leckman, MD, FACS, *Salt Lake City, UT***International Volunteerism**Robert D. Bach, MD, FACS, *North Haven, ME***Resident Volunteerism**Joseph V. Sakran, MD, MPH, *Boston, MA***Closing Remarks**Francis D. Ferdinand, MD, FACS, *Wynnewood, PA**Sponsored by: Governors Committee on Socioeconomic Issues and Operation Giving Back*

PS108 | 11:30 am - 1:00 pm

Standard of Care for Breast Cancer: A Moving Target*Location: Moscone South, Esplanade Level, Room 307-310*

TRACK: GEN

MODERATOR: Sarah L. Blair, MD, FACS, *La Jolla, CA*CO-MODERATOR: Steven L. Chen, MD, MBA, FACS, *Duarte, CA*

This session will highlight recent updates in the treatment of breast cancer. It will review the current standard of care for breast cancer in regards to the surgical treatment of the breast and axilla including appropriate margins and the value of axillary dissection and/or radiation, contralateral prophylactic mastectomy for the average-risk patient, the role and timing of genetic counseling/testing, and emerging uses for neoadjuvant anti hormonal therapy, as well as the latest updates on intraoperative radiation therapy will be discussed.

IntroductionSarah L. Blair, MD, FACS, *La Jolla, CA*Steven L. Chen, MD, MBA, FACS, *Duarte, CA***Margins: Measuring When Enough Is Enough**Richard J. Gray, MD, FACS, *Phoenix, AZ***Treatment of the Axilla in Mastectomy Patients: Surgery vs. Radiation**Roshni Rao, MD, FACS, *Dallas, TX***Contralateral Prophylactic Mastectomy for Non-Breast Cancer Patients**Swati Kulkarni, MD, FACS, *Chicago, IL***Neoadjuvant Hormonal Tx for Invasive Ductal Carcinoma and Ductal Carcinoma in Situ**E. Shelley Hwang, MD, MPH, FACS, *Durham, NC***Genetic Testing: Who Needs It and What Kind?**Doreen M. Agnese, MD, FACS, *Columbus, OH**Sponsored by: Advisory Council for General Surgery*

PS109 | 11:30 am - 1:00 pm**Ventral Hernia Repair: Challenges and Solutions***Location: Moscone West, Third Floor, Ballroom*

TRACK: GEN

MODERATOR: Benjamin K. Poulouse, MD, MPH, FACS, *Nashville, TN*CO-MODERATOR: William S. Cobb, MD, FACS, *Greenville, SC*

Ventral and incisional hernia repairs are common in general surgery practice. New advances in the science behind hernia repair, new materials for buttressing repairs, and complex techniques for relaxation of the abdominal wall to achieve tension free repairs have exploded. This panel will focus on wound closure techniques to prevent incisional hernias, discuss new materials for use in closure, and help the general surgeon adopt new practices in the repair of abdominal hernias. Additionally, issues of infected mesh will be covered. This panel will discuss strategies to prevent infection: patient selection, choice of mesh types, and operative measures. The management of infected mesh will be discussed. Must infected mesh be removed? Can mesh be used in contaminated fields without subsequent infection?

IntroductionBenjamin K. Poulouse, MD, MPH, FACS, *Nashville, TN***Clean Contaminated and Contaminated Hernias: What Mesh Can I Use?**Alfredo M. Carbonell II, DO, FACS, FACOS, *Greenville, SC***Revival of the Onlay Repair**Guy R. Voeller, MD, FACS, *Germantown, TN***Laparoscopic Ventral or Retromuscular Repair: What Approach for Which Patient?**Ajita S. Prabhu, MD, *Charlotte, NC***Multidisciplinary Approach to Abdominal Wall Reconstruction: Perspectives from Plastic Surgery**Devinder P. Singh, MD, *Baltimore, MD***Effectiveness of Epidural Analgesia and Transversus Abdominis Plane Block in Ventral Hernia Repair**Jacob A. Greenberg, MD, *Madison, WI***Does Abdominal Wall Function Matter?**Michael J. Rosen, MD, FACS, *Solon, OH***Robotic Abdominal Wall Reconstruction: Fad or the Future?**Conrad Ballecer, MD, *Glendale, AZ**Sponsored by: Advisory Council for General Surgery***PS110 | 11:30 am - 1:00 pm****Desperate Situations: Close Encounters of a Rural Kind***Location: Moscone North, Exhibit Level, Room 132-133*

TRACKS: GEN, RUS

MODERATOR: Danny R. Robinette, MD, FACS, *Fairbanks, AK*
CO-MODERATOR: Nadine R. Caron, MD, *Prince George, BC*

This panel will review topics of interest to the rural surgeon, that may be rare, but the skills necessary to deal with are essential. Topics include: (1) Ruptured



abdominal aortic aneurysm open repair; (2) Uterine hemorrhage emergent hysterectomy; (3) Epidural Hematoma emergent craniotomy; and (4) Penetrating cardiac trauma.

IntroductionDanny R. Robinette, MD, FACS, *Fairbanks, AK***Penetrating Cardiac Injuries**Hugh M. Foy, MD, FACS, *Seattle, WA***Epidural Hematoma**Clarence B. Watridge, MD, FACS, *Memphis, TN**Sponsored by: Advisory Council for Rural Surgery***PS111 | 11:30 am - 1:00 pm****Diagnosis and Treatment of Gynecologic Causes of the Acute Abdomen***Location: Moscone South, Esplanade Level, Room 304/306*

TRACKS: GEN, OBG

MODERATOR: Enrique Hernandez, MD, FACS, *Philadelphia, PA*CO-MODERATOR: Nestor F. Esnaola, MD, MPH, MBA, FACS, *Philadelphia, PA*

Frequently surgeons and gynecologists are called to evaluate patients who present to the emergency department with acute abdominal pain and a constellation of signs and symptoms that could be due to intestinal or gynecologic causes. Course participants will be able to describe the initial evaluation and differential diagnosis of the acute abdomen in women. They will be able to identify clinical clues that will help them differentiate between intestinal and gynecologic pathology and arrive at an accurate diagnosis.

IntroductionEnrique Hernandez, MD, FACS, *Philadelphia, PA***General Surgery Causes of Acute Abdomen**Nestor F. Esnaola, MD, MPH, MBA, FACS, *Philadelphia, PA***Gynecologic Causes of Acute Abdomen**Amer Karam, MD, *Stanford, CA**Sponsored by: Advisory Council for Gynecology and Obstetrics***PS112 | 11:30 am - 1:00 pm****An Update on Health Care Reform***Location: Moscone North, Exhibit Level, Room 135*

TRACK: HP

MODERATOR: Kimberly A. Davis, MD, FACS, FCCM, *New Haven, CT*CO-MODERATOR: Paul A. Taheri, MD, MBA, FACS, *Burlington, VT*

This session on health care reform will contain anecdotal evidence of the success or lack thereof of Obamacare. The topics include: (1) Health Care Reform: What's Working?; (2) Lessons Learned from the Early Adopters; and (3) Challenges Facing Academic Health Care. Speakers are affiliated with the Yale School of Management, which offers a Leadership in Health Care masters program, or major leaders



in large health care organizations. This topic will be extremely timely and of interest to the Fellows of the ACS.

Introduction

Kimberly A. Davis, MD, FACS, FCCM, *New Haven, CT*

Health Care Reform: What's Working? What's Not?

Michael F. Rotondo, MD, FACS, *Rochester, NY*

Lessons Learned from Early Adopters

Glenn D. Steele, Jr., MD, FACS, *Danville, PA*

Challenges Facing Academic Health Care

Paul A. Taheri, MD, MBA, FACS, *Burlington, VT*

Sponsored by: Health Policy and Advocacy Group

PS113 | 11:30 am - 1:00 pm

Operative Access: What's Proven, What's Not



Location: Moscone West, Second Floor, Room 2002/2004

TRACK: EDU, GEN

MODERATOR: Piero M. A. Fisichella, MD, MBA, FACS, *West Roxbury, MA*

CO-MODERATOR: Alfonso Torquati, MD, FACS, *Durham, NC*

In recent years, new trends have emerged regarding the best access to perform minimally invasive surgery. Several approaches have been developed to further minimize the number of incisions using only one single site, and more recently, even natural orifices. The applicability of newer techniques and unconventional approaches, has spurred new frontiers. However, these new frontiers are seen critically by those who demand a more strict assessment of outcomes and safety, claiming that cosmetic is not offset by improved results and better safety. Therefore, the goal of this panel is to provide an evidence-based understanding of the real value of these approaches today. Specifically, expert panelists will evaluate and compare perioperative outcomes after peroral esophageal myotomy versus laparoscopy for achalasia, transgastric versus transvaginal approach, single-incision versus multiport in the current surgical environment.

Introduction

Piero M. A. Fisichella, MD, MBA, FACS, *West Roxbury, MA*

Peroral Endoscopic Myotomy for Achalasia

Steven R. DeMeester, MD, FACS, *Los Angeles, CA*

Laparoscopic Heller Myotomy for Achalasia

Marco G. Patti, MD, FACS, *Chicago, IL*

Natural Orifice Transluminal Endoscopic Surgery Transgastric Approach

Eric S. Hungness, MD, FACS, *Chicago, IL*

Natural Orifice Transluminal Endoscopic Surgery Transvaginal Approach

Silvana Perretta, MD, *Strasbourg, France*

Single-Incision Approach

Alexander S. Rosemurgy, MD, FACS, *Tampa, FL*

Multi-Port Approach

Nathaniel J. Soper, MD, FACS, *Chicago, IL*

Sponsored by: Committee on Emerging Surgical Technology and Education

PS114 | 11:30 am - 1:00 pm

Can't Ventilate? Can't Oxygenate? Now What?



Location: Moscone North, Exhibit Level, Room 134

TRACK: TRA

MODERATOR: Pauline K. Park, MD, FACS, *Ann Arbor, MI*

CO-MODERATOR: Joseph B. Zwischenberger, MD, FACS, *Lexington, KY*

For the critically ill patient requiring mechanical ventilatory support in 2014, the choice of management depends on multiple patient and logistic factors. This case-based session is designed to highlight common situations with the potential for respiratory extremis. Case-based presentations reviewing management of every day scenarios including trauma, pulmonary embolism, abdominal compartment syndrome, underlying COPD, and pulmonary hypertension will be used to illustrate treatment principles. Discussion will include strengths, weaknesses, indications and implementation of early neuromuscular blockade, prone positioning, airway pressure release ventilation (APRV), high frequency oscillatory ventilation (HFOV), transpulmonary pressure monitoring (PtP), and extracorporeal membrane oxygenation (ECMO).

Introduction

Pauline K. Park, MD, FACS, *Ann Arbor, MI*

Joseph B. Zwischenberger, MD, FACS, *Lexington, KY*

Major Trauma

Ronald V. Maier, MD, FACS, *Seattle, WA*

Abdominal Compartment Syndrome

Lewis J. Kaplan, MD, FACS, FCCM, FCCP, *Philadelphia, PA*

Chronic Obstructive Pulmonary Disease

Joseph B. Zwischenberger, MD, FACS, *Lexington, KY*

Bridge to Lung Transplant

Matthew D. Bacchetta, MD, FACS, *New York, NY*

Sponsored by: Committee on Trauma and the Advisory Council for Cardiothoracic Surgery

PS115 | 11:30 am - 1:00 pm

Advanced Thyroid and Parathyroid Ultrasound



Location: Moscone West, Third Floor, Room 3014/3016/3018

TRACKS: GEN, OTO

MODERATOR: Kresimira M. Milas, MD, FACS, *Portland, OR*

CO-MODERATOR: Sareh Parangi, MD, FACS, *Boston, MA*

This session is designed for surgeons who have basic ultrasound knowledge and experience in clinical use, but wish to refine their skills in pattern recognition, especially of more challenging thyroid and parathyroid conditions. The session is entirely case based using ultrasound cine clips. It is designed to be interactive with immediate feedback of correct pattern recognition using an audience response system.

Introduction

Kresimira M. Milas, MD, FACS, *Portland, OR*

Is It...or Is It Not...a Microcalcification?

Cord Sturgeon, MD, FACS, *Chicago, IL*

Pattern Recognition: Abnormal Cervical Lymph Nodes

Lisa A. Orloff, MD, FACS, *Stanford, CA*

Ultrasound Potpourri: Tubercles, Pseudonodules, and Confounders

Maisie L. Shindo, MD, *East Setauket, NY*

Pattern Recognition: Parathyroid Adenomas

Sareh Parangi, MD, FACS, *Boston, MA*

Expanding Horizons with Laryngeal Ultrasound

Denise M. Carneiro-Pla, MD, *Charleston, SC**Sponsored by: Advisory Council for General Surgery and the National Ultrasound Faculty***PS116 | 2:30 - 4:00 pm****Gastric Cancer: Current Management***Location: Moscone South, Esplanade Level, Room 307-310*

TRACKS: GEN, ONC

MODERATOR: Alexander A. Parikh, MD, FACS, *Nashville, TN*CO-MODERATOR: George M. Fuhrman, MD, FACS, *New Orleans, LA*

Gastric cancer remains a deadly malignancy. There is controversy as to proper surgical staging and the proper use of neoadjuvant therapy. Surgical resection continues to be the mainstay of treatment, but should resection be done openly, laparoscopically or robotically? What is the optimal nodal dissection? Are current regimens of adjuvant therapy improving survival? The evolving science behind adjuvant therapy, neoadjuvant therapy, and other therapeutic considerations will be covered in this session.

Introduction

Alexander A. Parikh, MD, FACS, *Nashville, TN*

Minimally Invasive Techniques for the Treatment of Gastric Cancer

Vivian E. Strong, MD, FACS, *New York, NY*

Extended Lymph Node Dissection: Is There Still a Controversy?

Syed A. Ahmad, MD, FACS, *Cincinnati, OH*

Neoadjuvant vs. Adjuvant Therapy for Gastric Cancer

Andrew Ko, MD, *San Francisco, CA**Sponsored by: Advisory Council for General Surgery***PS117 | 2:30 - 4:00 pm****Evolving Concepts in the Management of Diverticulitis***Location: Moscone West, Third Level, Ballroom*

TRACKS: CRS, GEN

MODERATOR: W. Donald Buie, MD, FACS, FRCSC, *Calgary, AB*CO-MODERATOR: David L. Berger, MD, FACS, *Boston, MA*

Many of the historic concepts and tenets of management for diverticulitis have been seriously questioned in recent years, resulting in a substantial change in the indications and approach to surgery.

Introduction

W. Donald Buie, MD, FRCSC, FACS, *Calgary, AB*

Uncomplicated Diverticulitis: When Do You Call the Surgeon?

Rocco Ricciardi, MD, MPH, FACS, FASCRS, *Burlington, MA*

Laparoscopic Lavage for Acute Diverticulitis: All Washed Up?

Daniel L. Feingold, MD, FACS, *New York, NY*

Is Elective Resection Necessary Following Successful Nonoperative Management of Complex Diverticulitis

Janice F. Rafferty, MD, FACS, FASCRS, *Cincinnati, OH*

Smoldering Diverticulitis: Fact or Fiction

David L. Berger, MD, FACS, *Boston, MA**Sponsored by the Advisory Council for General Surgery and the Advisory Council for Colon and Rectal Surgery***PS118 | 2:30 - 4:00 pm****Death, Dying, and Palliative Care in the Surgical Service***Location: Moscone South, Esplanade Level, Room 304/306*

TRACKS: GER, TRA

MODERATOR: Bridget N. Fahy, MD, FACS, *Albuquerque, NM*
CO-MODERATOR: Zara Cooper, MD, FACS, *Boston, MA*

Surgeons are often faced with cases in which the goal of a procedure is palliative rather than curative. Equally challenging are cases in which a shift away from cure toward palliation is required postoperatively. Surgeons require specific knowledge and communication skills in order to manage these cases effectively. A panel of discussants will explore the following topics: (1) Discussion of communication tools and techniques in palliative surgical care, including preserving hope and adjusting expectations; (2) Review of do not resuscitate orders in surgical patients with advanced disease; (3) Identification of resources available to surgeons of patients facing end of life; and (4) Discussion of practical steps involved during withdrawal of life support.

Introduction

Bridget N. Fahy, MD, FACS, *Albuquerque, NM*

Discussion of Communication Tools and Techniques in Palliative Surgical Care, Including Preserving Hope and Adjusting Expectations

Thomas J. Miner, MD, FACS, *Providence, RI*

Review of Do-Not-Resuscitate Orders in Surgical Patients with Advanced Disease

Michael S. Weinstein, MD, FACS, *Philadelphia, PA*

Identification of Resources Available to Surgeons of Patients Facing End of Life

Anne C. Mosenthal, MD, FACS, *Newark, NJ*

Discussion of Practical Steps Involved during Withdrawal of Life Support

Melissa F. Perkal, MD, FACS, *West Haven, CT**Sponsored by the Committee on Trauma and the Committee on Surgical Palliative Care*

PS119 | 2:30 - 4:00 pm**HIT, CPOE, HIE, and other EHR Alphabet Soup for the Practicing Surgeon**

Location: Moscone West, Second Level, Room 2002/2004

TRACKS: EDU, INFO

MODERATOR: Genevieve B. Melton-Meaux, MD, FACS, *Minneapolis, MN*

CO-MODERATOR: Linda M. Barney, MD, FACS, *Dayton, OH*

With increased adoption of electronic health records (EHRs) and other health information technology (HIT) for patient care, surgeons increasingly need to have a working understanding of these systems and how they affect how the provision of care. This session will start with an overview of the alphabet soup of EHRs, including a discussion of key functionalities of associated modules and functionalities of HIT systems. Other session topics include an examination of key differences in how surgeons and other proceduralists use the EHR compared to medical and primary care specialties and a discussion of challenges with clinical documentation in EHR systems. Finally, the session will provide attendees with an overview of HIT and other technology enabled approaches that may be used to improve provider and patient provider communication.

Introduction

Linda M. Barney, MD, FACS, *Dayton, OH*

Federal Perspective on the Road to Meaningful Use

David R. Hunt, MD, FACS, *Washington, DC*

911! : Electronic Health Record Resources for Providers and Practices

Genevieve B. Melton-Meaux, MD, FACS, *Minneapolis, MN*

Electronic Documentation and ICD10: What It Means for the Practicing Surgeon

Raquel M. Forsythe, MD, FACS, *Pittsburgh, PA*

Surgeon's View of the Electronic Health Record

Paul C. Kuo MD, FACS, *Maywood, IL*

Sponsored by: Health Information Technology Committee and the General Surgery Coding and Reimbursement Committee

PS120 | 2:30 - 4:00 pm**Resuscitation of the Surgical Patient**

Location: Moscone West, Third Floor, Room 3014/3016/3018

TRACKS: GEN, TRA

MODERATOR: Niels D. Martin, MD, FACS, *Philadelphia, PA*
CO-MODERATOR: Pauline K. Park, MD, FACS, *Ann Arbor, MI*

Perioperative fluid resuscitation in the surgical patient is of utmost importance. Evidence suggests that aggressive fluid resuscitation resulting in the patient being over resuscitated is associated with a variety of pathologic syndromes, such as abdominal compartment syndrome and acute respiratory distress syndrome. Despite this, many centers continue to still give massive amounts of fluid without taking into

account the overall clinical picture. The goal of this session would be to evaluate the evidence of perioperative resuscitation in the surgical patient, looking at appropriate products and ratios that should be used, and discuss methods that can be used to better estimate volume status outside of central venous pressure and pulmonary capillary wedge pressure that have been notoriously found to be inaccurate.

Introduction

Niels D. Martin, MD, FACS, *Philadelphia, PA*

Pauline K. Park, MD, FACS, *Ann Arbor, MI*

The Elements of Resuscitation

Daniel J. Grabo, MD, PhD, FCS, *Los Angeles, CA*

Conventional End Points of Resuscitation

Wendy R. Greene, MD, FACS, *Washington, DC*

Advanced Hemodynamic Monitoring

Dudley B. Christie, MD, *Macon, GA*

Sponsored by: Committee on Trauma and the Advisory Council for General Surgery

PS121 | 2:30 - 4:00 pm**Initiates' Program: The Rewards of the Surgical Career and Joy of Surgical Practice**

Location: Moscone West, Third Level, Room 3020/3022

TRACKS: EDU, HP

MODERATOR: David T. Cooke, MD, FACS, *Sacramento, CA*

CO-MODERATOR: Robert D. Winfield, MD, *St. Louis, MO*

The rewards of a surgical career are many. Some are tangible, such as the privilege of cutting, job security, and the surgical personality itself. Other rewards are humbling, such as the never ending learning and improvement that one must maintain to be proficient. Further rewards can only be described as spiritual, such as the ability to initiate change in patients' lives and, indeed, save lives. The surgical career also has the added benefit of making any mother proud. The panel will welcome initiates to an amazing career, review the importance of belonging to an organization, maintaining lifetime learning, and achieving work/life balance.

Introduction

David T. Cooke, MD, FACS, *Sacramento, CA*

Work/Life Balance in Academia

Tammy T. Chang, MD, PhD, FACS, *San Francisco, CA*

Work/Life Balance in Private Practice

Brian J. Santin, MD, *Columbus, OH*

Making the Transition from Mentee to Mentor

Robert D. Winfield, MD, *St. Louis, MO*

Getting Another Degree at the Beginning of Your Career: Why? How?

Robert J. Canter, MD, FACS, *Sacramento, CA*

Please, Ask What the College Can Do for You, and What You Can Do for the College!

David T. Cooke, MD, FACS, *Sacramento, CA*

Sponsored by: Young Fellows Association

PS122 | 2:30 - 4:00 pm**Transition to Practice in General Surgery**

Location: Moscone North, Exhibit Level, Room 132-133

TRACKS: EDU, RES/MED

MODERATOR: J. David Richardson, MD, FACS, *Louisville, KY*

CO-MODERATOR: Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*

There has been widespread national concern regarding the preparation of residents for independent surgical practice. An invitational conference was convened by the ACS Division of Education in 2012 in collaboration with the Accreditation Council for Graduate Medical Education to highlight the problems and propose solutions. Following approval by the ACS Board of Regents, the concept of a Transition to Practice (TTP) Program in General Surgery was defined. This program was pilot tested in 2013, and was formally launched in 2014. The program provides a mentored, individualized experience with progressive independence in a practice setting.

Introduction/Underpinnings of the TTP Concept
J. David Richardson, MD, FACS, *Louisville, KY*

Data Supporting Development of a National TTP Program
Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*

ACS TTP Program Model and Curriculum
R. Phillip Burns, MD, FACS, *Chattanooga, TN*

Institutional Implementation of the ACS TTP Program
Dennis W. Ashley, MD, FACS, FCCM, *Macon, GA*

Experiences of an ACS TTP Associate
Benjamin E. Kellogg, MD, *Chattanooga, TN*

Sponsored by: Division of Education and the Committee on Resident Education

PS123 | 2:30 - 5:45 pm**Latin America Day: Complications in Surgery**

Location: Moscone West, Second Level, Room 2006/2008

TRACKS: GEN, INT

MODERATOR: Pedro A. Ferraina, MD, FACS, *Buenos Aires, Argentina*

CO-MODERATOR: David Alfredo Ortega Checa, MD, FACS, *Lima, Peru*

This session will consist of an extensive review of the most common and rare complications that occur during open and laparoscopic procedures. The speakers are experts on their respective topics and will focus on how to recognize various complications, how to resolve them, and specifically how to avoid them. Several videos will be incorporated into the presentations, plus ample time for panel discussions that will allow for attendee interaction with the presenters.

Introduction

Samuel C. Shuchleib, MD, FACS, *Mexico City, Mexico*

Quality of Care in Low- and Middle-Income Countries: What It Is, What It Is Not, and Can It Be Done with Limited Resources?

Carlos A. Pellegrini, MD, FACS, FRCSI(Hon), *Seattle, WA*

Complications in Hepatic and Pancreatic Surgery
Pedro A. Ferraina, MD, FACS, *Buenos Aires, Argentina*

Mistakes and Complications in Abdominal Trauma
David Alfredo Ortega Checa, MD, FACS, *Lima, Peru*

Complications in Colon Surgery
Gustavo Plasencia, MD, FACS, *Miami, FL*

Complications in Bariatric Surgery
Samuel Szomstein, MD, FACS, *North Miami Beach, FL*

Complications in Surgery for Gastroesophageal Reflux Disease and Achalasia
Juan E. Contreras, MD, FACS, *Santiago, Chile*

Complications in Surgery for Inguinal and Abdominal Wall Hernias
Diego R. Camacho, MD, FACS, *Bronx, NY*

Catastrophic Complications in Laparoscopic Surgery
Gil Mussan, MD, FACS, *Mexico City, Mexico*

Sponsored by: Program Committee and Federacion Latinoamericana de Cirugia

PS124 | 4:15 - 5:45 pm**Human Papillomavirus (HPV) Disease: From Oral Cavity to Anus**

Location: Moscone South, Esplanade Level, Room 304/306

TRACKS: CRS, OBG, OTO

MODERATOR: Erich M. Sturgis, MD, FACS, *Houston, TX*

CO-MODERATOR: Mark L. Welton, MD, MHCM, FACS, FASCRS, *Stanford, CA*

The incidence of cancer caused by HPV-mediated infection has increased dramatically over the past two decades. At the same time, immunization of young adults has altered the landscape around which segments of our population are infected and at risk for developing not only head and neck cancer, but also cervical and anorectal malignancies caused by HPV. This panel will seek to explore the changing prevalence of infection, and incidence of disease and highlight the practical implications these trends will have on the practice of surgery in treating these tumors.

Introduction

Erich M. Sturgis, MD, FACS, *Houston, TX*

Oropharyngeal Cancer Epidemic and HPV Vaccination
Erich M. Sturgis, MD, FACS, *Houston, TX*

Screening and Surveillance of the Anogenital Tract in Women
Anna Barbara Moscicki, *San Francisco, CA*

Evolution of Anal Premalignant and Carcinoma Classification
Mark L. Welton, MD, MHCM, FACS, FASCRS, *Stanford, CA*

Management of Anal and Perianal Premalignancy and Carcinoma
J. Michael Berry, MD, *San Francisco, CA*

Sponsored by: Advisory Council for Colon and Rectal Surgery and Advisory Council for Otolaryngology Head & Neck Surgery

PS125 | 4:15 - 5:45 pm

The Disaster Abdomen: Problems of an Open Abdomen, Enteroatmospheric Fistulas, and Beyond

Location: Moscone West, Ballroom

TRACKS: GEN, TRA

MODERATOR: Richard S. Miller, MD, FACS, *Nashville, TN*CO-MODERATOR: William P. Schecter, MD, FACS, *San Francisco, CA*

The modern management of catastrophically ill trauma and intensive care unit patients has led to a huge increase in the number of patients who survive horrific abdominal disasters only to then live with skin grafted abdominal walls, multiple fistulas and disabling loss of an intact abdominal wall. This session will discuss current management of the open abdomen, strategies to obtain closure instead of skin grafting and techniques to manage multiple enterocutaneous fistulas and enteroatmospheric fistulas. Specifically the basics of management will be reviewed as well as advanced techniques when the basics do not work, such as fistula isolation, methods for providing effective enteral nutrition, and improving management of the surrounding wound.

Introduction to the Problem
Richard S. Miller, MD, FACS, *Nashville, TN*
The Open Abdomen: Is 'Damage Control' Leading to Long-Term Damage?
Krista L. Kaups, MD, MSc, FACS, *Fresno, CA*
Controlling Chaos: Surgical Strategies for the Management of Complex Intestinal Fistulas
Oliver L. Gunter, MD, FACS, *Nashville, TN*
Feeding the Open Abdomen and Intestinal Fistulas: Paradigm Shifts in the Literature and Clinical Practice
Bryan R. Collier, DO, FACS, *Roanoke, VA*
Sponsored by: Committee on Trauma and the Advisory Council for General Surgery

PS126 | 4:15 - 5:45 pm

Challenges in the Surgical Treatment of Crohn's Disease

Location: Moscone South, Esplanade Level, Room 307-310

TRACK: CRS, GEN

MODERATOR: Alessandro Fichera, MD, FACS, FASCRS, *Seattle, WA*CO-MODERATOR: Phillip R. Fleshner, MD, FACS, *Los Angeles, CA*

This panel will focus on the pre- and intraoperative strategy when dealing with cases of Crohn's disease complicated by fistulae, phlegmonous mass, abscesses, ureteral obstruction, chronic intestinal obstruction, extensive disease, or short gut. Current data on prevention therapy for Crohn's recurrence will be reviewed.

Introduction
Alessandro Fichera, MD, FACS, FASCRS, *Seattle, WA*
DEBATE 1: Intra-abdominal Abscess in Crohn's Disease
An Elective Resection
Walter A. Koltun, MD, FACS, FASCRS, *Hershey, PA*
Biologic Therapy
Bo Shen, MD, *Cleveland, OH*
DEBATE 2: Symptomatic Stricturing Crohn's Disease of the Small Bowel
Resection
Scott A. Strong, MD, FACS, *Cleveland, OH*
Endoscopic Dilation
Bo Shen, MD, *Cleveland, OH*
Strictureplasty
Fabrizio Michelassi, MD, FACS, *New York, NY*
DEBATE 3: Symptomatic Fistulizing Ileocolic Crohn's Disease
Open Surgery
Randolph M. Steinhagen, MD, FACS, FASCRS, *New York, NY*
Laparoscopic Surgery
Barry A. Salky, MD, FACS, *New York, NY*
Robotic Surgery
Alessio Pigazzi, MD, PhD, FACS, *Orange, CA*
Sponsored by: Advisory Council for General Surgery and Advisory Council for Colon and Rectal Surgery

PS127 | 4:15 - 5:45 pm

Soft-Tissue Sarcoma: What the General Surgeon Needs to Know

Location: Moscone North, Exhibit Level, Room 132-133

TRACKS: GEN, ONC

MODERATOR: Raphael E. Pollock, MD, FACS, *Columbus, OH*CO-MODERATOR: Daniel G. Coit, MD, FACS, *New York, NY*CO-MODERATOR: Kenneth K. Tanabe, MD, FACS, *Boston, MA*

Soft-tissue sarcoma is a rare tumor, but early recognition and appropriate surgical management are keys to successful outcomes for the disease. These tumors often present to the general surgeon, and awareness of the disease and basic principles of surgical management and integration with adjuvant and neoadjuvant therapy is essential. This panel discussion will provide an overview of sarcoma biology; provide basic principles of surgical management; and describe the role of neoadjuvant and adjuvant therapy for management.

Introduction
Raphael E. Pollock, MD, FACS, *Columbus, OH*
Setting the Stage: Natural History, Staging, Prognostic Factors
Raphael E. Pollock, MD, FACS, *Columbus, OH*
Surgical Management of Extremity STS
Aimee Marie Crago, MD, PhD, FACS, *New York, NY*
Surgical Issues in Abdominal and Retroperitoneal Soft Tissue Sarcoma
John Thomas Mullen, MD, FACS, *Boston, MA*

The Special Case of Gastrointestinal Stromal Tumors
Peter W. T. Pisters, MD, FACS, *Houston, TX*

Nonsurgical Components of Soft Tissue Sarcoma
Multidisciplinary Care

Frederick C. Eilber, MD, FACS, *Los Angeles, CA*

*Sponsored by: Advisory Council for General Surgery
and the Commission on Cancer*

PS128 | 4:15 - 5:45 pm

**The Medical and Surgical Management of
Thyroid Eye Disease**

Location: Moscone South, Esplanade Level, Room 302

TRACK: OPHTHO

MODERATOR: Julie A. Sosa, MD, FACS, *Durham, NC*

CO-MODERATOR: Keith D. Carter, MD, FACS, *Iowa City, IA*

This is a panel presentation and discussion of recent advances in the medical, surgical, and ophthalmologic issues pertaining to thyroid disease with which every physician and surgeon should be aware.

Introduction

Julie A. Sosa, MD, FACS, *Durham, NC*

Medical Management of Graves' Disease: Radioactive Iodine and Ophthalmopathy

Rebecca S. Bahn, MD, *Rochester, MN*

Surgical Management of Graves' Disease:
Preoperative Preparation, Surgery, and Postoperative Considerations

Tracy S. Wang, MD, MPH, FACS, *Milwaukee, WI*

Orbital Surgery Options in Graves' Eye Disease

M. Reza Vagefi, MD, *San Francisco, CA*

Creating Single Vision in Restrictive Motility of Graves' Eye Disease

David B. Granet, MD, FACS, *La Jolla, CA*

*Sponsored by: Advisory Council for General Surgery
and Advisory Council for Ophthalmic Surgery*

PS129 | 4:15 - 5:45 pm

**Surgical Hospitalists, Shift Coverage,
and Advanced Practice Partners:
The Changing Face of Trauma Care?**

Location: Moscone West, Second Level, Room 2002/2004

TRACKS: GEN, TRA

MODERATOR: Peter M. Rhee, MD, MPH, FACS, FCCM, *Tucson, AZ*

CO-MODERATOR: Jack Sava, MD, FACS, *Washington, DC*

Itinerant surgery is a concept that is foreign to many. However, is it time to revisit this concept? Experiences with coverage models incorporating surgical hospitalists, shift coverage, and an expanded role for nurse practitioners and physician assistants will be examined, and panelists will debate the merits and disadvantages of these paradigms.

Introduction

Peter M. Rhee, MD, MPH, FACS, FCCM, *Tucson, AZ*

Acute Care Surgery and Design: Pro Shifts

Gregory J. Jurkovich, MD, FACS, *Denver, CO*

Itinerant Surgery and ACS: Shift Work Is Bad

Steven E. Stein, MD, FACS, *Troy, MI*

Reality Check: How It Is Done Today

Forrest O'Dell Moore, MD, FACS, *Phoenix, AZ*

History and Definition of Itinerant Surgery: Issues

Jack Sava, MD, FACS, *Washington, DC*

*Sponsored by: Committee on Trauma Health Policy and
Advocacy Group*

PS130 | 4:15 - 5:45 pm

**Oncology Care and Screening: How Feasible
Is It and Why Aren't Nations Doing It?**

Location: Moscone West, Third Level, Room 3020/3022

TRACK: HUM, INT

MODERATOR: Quyen D. Chu, MD, FACS, *Shreveport, LA*

CO-MODERATOR: Jane E. Mendez, MD, FACS, *Boston, MA*

CO-MODERATOR: Lisa Bailey, MD, FACS, *Oakland, CA*

This session will discuss cancer as a worldwide health problem. Breast cancer is the most common cause of death in women worldwide, accounting for 460,000 deaths in 2008. Women with breast cancer living in middle-income (MI) to low-income countries (LI) fared much worse than those living in developed nations. Implementing a breast cancer screening program might provide a partial solution to this vexing problem. However, cost is thought to be the major impediment in implementing a nationwide breast cancer screening program for MI and LI nations. Unfortunately, there is a paucity of data to either support or refute this argument. The goal of this session is to determine whether a mammographic screening program in developing nations is a feasible and cost-effective endeavor.

Introduction

Quyen D. Chu, MD, FACS, *Shreveport, LA*

Breast Cancer Early Detection Strategies for Low- and Middle-Income Countries (LMICs)

Benjamin O. Anderson, MD, FACS, *Seattle, WA*

HPV and Cervical Cancer: Here and the Rest of the World

Kay Taylor, MD, *Oakland, CA*

The University of Michigan-Komfo Anoyke Teaching Hospital/Ghana Partnership: International Collaboration and Breast Cancer Research

Lisa A. Newman, MD, MPH, FACS

*Sponsored by: International Relations Committee
and the Commission on Cancer*

PS131 | 4:15 - 5:45 pm

The Surgeon as Artist

*Location: Moscone West, Third Level, Room 3014/
3016/3018*

TRACK: EDU

MODERATOR: Susan E. Pories, MD, FACS, *Cambridge, MA*

CO-MODERATOR: Geoffrey P. Dunn, MD, FACS, *Erie, PA*

The arts and humanities as educational tools have the potential to foster humanism, enhance perspective, sharpen medical students' analytic and diagnostic

skills, and improve teamwork and communication. Incorporating the arts and humanities may improve the quality of medical and surgical training and thereby the quality of medical care. Accordingly, many medical schools have established formal centers to integrate the arts into medical education in an effort to yield balanced and reflective practitioners. The School of Medicine at Mount Sinai even changed their selection criteria to increase the number of incoming students who majored in the humanities in college. The panel will feature surgeons who are also writers, musicians, and artists, emphasizing how to incorporate arts and humanities into surgical education and practice.

Introduction: Arts in Medical Education
Susan E. Pories, MD, FACS, *Cambridge, MA*

Connections Between Music and Medicine
Terry Buchmiller, MD, FACS, *Boston, MA*

The Emotional and Spiritual Benefits of Music in a Medical Career
Nicholas Edward Tawa, MD, FACS, *Boston, MA*

The Poetic Surgeon
Mina Le, MD, *New York, NY*

Painting and Surgery: Vocation and Avocation
Geoffrey P. Dunn, MD, FACS, *Erie, PA*

Sponsored by: Women in Surgery Committee and the Committee on Surgical Palliative Care

Tuesday, October 28

PS200 | 8:00 - 9:30 am Management of Bariatric Surgical Complications

Location: Moscone South, Esplanade Level, Room 307-310

TRACK: GEN

MODERATOR: Robin L. Blackstone, MD, FACS, FASMBS, *Scottsdale, AZ*

CO-MODERATOR: Aurora D. Pryor, MD, FACS, *Stony Brook, NY*

The use of bariatric surgical procedures has steadily increased as these procedures have become recognized as optimal treatment for morbid obesity and its sequelae. There are specific surgical complications associated with adjustable bands, with Roux-en-Y gastric bypass, and with gastric sleeves. In many circumstances the patient has undergone their procedure elsewhere or in the remote past and no longer sees a bariatric surgeon. General surgeons must be able to recognize bariatric complications. The metabolic, nutritional, and specific deficiencies associated with these procedures will affect surgeons' management of other surgical procedures, which should be widely known and recognized.

Introduction
Robin L. Blackstone, MD, FACS, FASMBS, *Scottsdale, AZ*

Management of the Bariatric Patient with Abdominal Pain in the Emergency Department: The Role of Radiology, Endoscopy, and Surgery
Dana A. Telem, MD, *New York, NY*

What Is Expected of a General Surgeon? When and When Not to Transfer
Ninh T. Nguyen, MD, FACS, *Orange, CA*

The Role of Tertiary Referral Centers
Brandon Williams, MD, FACS, *Nashville, TN*

Process-Reporting to National Database
Matthew M. Hutter, MD, MPH, FACS, *Boston, MA*

Early Complications: Sleeve, Gastric Bypass, or Duodenal Switch
Kevin M. Reavis, MD, FACS, *Portland, OR*

Complications of the Band: Early and Late
Emma J. Patterson, MD, FACS, *Portland, OR*

Postoperative Complications Not Related to the Bariatric Procedure
David A. Provost, MD, FACS, *Denton, TX*

Long-Term Complications of Bariatric Procedures, Hernia, Ulcer, and Nutritional Issues
Marina S. Kurian, MD, FACS, *New York, NY*

Pregnancy in the Bariatric Patient
Raul J. Rosenthal, MD, FACS, FASMBS, *Weston, FL*

Sponsored by: Advisory Council for General Surgery

PS201 | 8:00 - 9:30 am Laparoscopic Procedures for Acute Abdominal Emergencies

Location: Moscone West, Third Floor, Ballroom

TRACK: GEN, TRA

MODERATOR: Vicente H. Gracias, MD, FACS, *New Brunswick, NJ*

CO-MODERATOR: Karen A. Chojnacki, MD, FACS, *Philadelphia, PA*

Traditionally considered to be the realm of open procedures, advances in laparoscopic techniques have provided innovative methods for treating acute abdominal emergencies. This session will discuss laparoscopic advances in the management of perforated ulcers, diverticulitis, pancreatitis, and bowel obstruction. Specifically, technical aspects and comparative outcomes will be highlighted.

Introduction
Vicente H. Gracias, MD, FACS, *New Brunswick, NJ*

Foregut Emergencies
James Patrick Dolan, MD, FACS, *Portland, OR*

Midgut Emergencies
Terence O'Keeffe, MBChB, MSPH, FACS, *Tucson, AZ*

Hindgut Emergencies
Lisa Jane Moudgill, MD, *Tampa, FL*

Bariatric Emergencies
David S. Tichansky, MD, FACS, *Philadelphia, PA*

Sponsored by: Committee on Trauma and the Advisory Council for General Surgery

PS202 | 8:00 - 9:30 am**Learning from Mistakes: Teaching Transparency and Self-Reflection***Location: Moscone West, Second Level, Room 2002/2004*

TRACK: EDU

MODERATOR: Susan Steinemann, MD, FACS, *Honolulu, HI*CO-MODERATOR: Andre R. Campbell, MD, FACS, *San Francisco, CA*

Surgery requires a process of lifelong learning, ideally rooted during the clerkship years. Critical to this is learning from mistakes. Teaching the process of recognizing and discussing individual and system errors, examining areas for improvement, accepting responsibility, identifying causal factors, and taking formative action is difficult and may be unconsciously neglected. Threats to this process include conflicting desires (for example, professional image), diffused responsibility among team members, decreased autonomy due to supervision requirements, and inexperience in error debriefing. Surgeons can learn to manage unconstructive protectionism and benefit from coaching during training and beyond. This session will foster skills needed to teach, coach, and role-model for our trainees learning from mistakes by creating environments receptive to coaching, self-reflection and continuous quality improvement.

IntroductionSusan Steinemann, MD, FACS, *Honolulu, HI***The Surgeon's Response to Error**Carol-anne Moulton, MB, BS, MEd, PhD, FRACS, *Toronto, ON***Teaching Accountability to Students and Residents**Mary H. McGrath, MD, MPH, FACS, *San Francisco, CA***The Continuum of Coaching**Caprice C. Greenberg, MD, MPH, FACS, *Madison, WI***Barriers**Andre R. Campbell, MD, FACS, *San Francisco, CA**Sponsored by: Committee on Medical Student Education***PS203 | 8:00 - 9:30 am****Enrolling Patients on Cancer Clinical Trials: The Nuts and Bolts***Location: Moscone South, Exhibit Level, Room 102*

TRACKS: GEN, NEU, ONC

MODERATOR: Heidi Nelson, MD, FACS, *Rochester, MN*CO-MODERATOR: David J. Winchester, MD, FACS, *Evanston, IL*

This program is for surgeons interested in increasing their role in advancing cancer therapy and will detail how to create a successful clinical trial experience including financial and institutional challenges in establishing the clinical trial experience. Session topics will include the importance and impact of clinical research, highlighting benefits for improved patient care, professional development, and institutional programmatic development; how to establish necessary infrastructure to develop a research program for the community surgeon; how to develop a robust program with existing resources and engage the surgeon

within the academic environment; research from the perspective of the research coordinator; working within financial and federal constraints; and metrics for a successful community research program.

IntroductionHeidi Nelson, MD, FACS, *Rochester, MN***Community Participation in Trials**Gary W. Unzeitig, MD, FACS, *Laredo, TX***The Team Approach to Trial Enrollment**Jon M. Greif, DO, FACS, *Oakland, CA***Clinical Research Office**Judy C. Boughey, MB, BChir, FACS, *Rochester, MN***How to Approach the Patient to Enroll**Bettye Greene, RN, *South Bend, IN***The Commission on Cancer Approach to Trial Enrollment**Daniel P. McKellar, MD, FACS, *Greenville, OH**Sponsored by: Commission on Cancer and the Alliance for Clinical Trials in Oncology***PS204 | 8:00 - 9:30 am****Management of Acute and Chronic Pleural Disease***Location: Moscone South, Esplanade Level, Room 304/306*

TRACK: CTS

MODERATOR: Nathaniel R. Evans, MD, FACS, *Philadelphia, PA*CO-MODERATOR: Ashok Muniappan, MD, *Winchester, MA*

All forms of pleural disease including malignant, benign, infectious, and trauma-related, will be addressed in this informative session. An opportunity to discuss specific clinical cases in the form of questions from the audience will be provided.

IntroductionNathaniel R. Evans, MD, FACS, *Philadelphia, PA***Traumatic Pleural Disease**Michael S. Weinstein, MD, FACS, *Philadelphia, PA***Modern Management of Pleural Effusions**Joe B. Putnam, MD, FACS, *Nashville, TN***Clinical Management and Novel Treatment of Mesothelioma**David M. Jablons, MD, FACS, *San Francisco, CA***Pleural Space Infections**Pierre Edouard de Delva, MD, FACS, *Jackson, MS***Ultrasound for Pleural Disease**Basil Saad Nasir, MB, BCh, *Rochester, MN**Sponsored by: Advisory Council for Cardiothoracic Surgery***PS205 | 8:00 - 9:30 am****Perioperative Patient Safety***Location: Moscone West, Third Level, Room 3014/3016/3018*

TRACK: EDU

MODERATOR: Juan A. Sanchez, MD, FACS, *Baltimore, MD*CO-MODERATOR: Amy L. Halverson, MD, FACS, *Chicago, IL*

This session will provide an overview of patient safety topics relevant to surgeons within the framework of the National Patient Safety Goals. Topics will encompass high reliability principles and a human factors view of the perioperative environment. The presentations will also cover AHRQ's Patient Safety Indicators related to preventing procedural harm as well as the health care policy and financing landscape related to patient safety under the Affordable Care Act.

Introduction

Juan A. Sanchez, MD, FACS, *Baltimore, MD*

Safe Surgical Care and the National Patient Safety Agenda

Scott J. Ellner, DO, MPH, FACS, *Hartford, CT*

Enhancing Communication in the Operating Room: Seeing the Message Hidden by the Mask

Harry C. Sax, MD, MHCM, FACS, *Los Angeles, CA*

Nancy N. Baxter, MD, FACS, *Toronto, ON*

Ethical Dimensions of Perioperative Patient Safety

Edward James Dunn, MD, MPH, FACS, *Ann Arbor, MI*

Sponsored by: Committee on Perioperative Care

PS206 | 8:00 - 11:15 am

Spectacular Cases

Location: Moscone North, Exhibit Level, Room 134

TRACK: RES/MED

CO-MODERATOR: A. Frederick Schild, MD, FACS, *Miami, FL*

CO-MODERATOR: Juan C. Paramo, MD, FACS, *Miami Beach, FL*

This session will include case presentations by individuals selected through competitive submission. They will challenge the panel to dispute the course of action taken in very difficult and unusual circumstances.

Introduction

Juan C. Paramo, MD, FACS, *Miami Beach, FL*

Panelists

A. Frederick Schild, MD, FACS, *Miami, FL*

J. Patrick O'Leary, MD, FACS, *Miami, FL*

J. David Richardson, MD, FACS, *Louisville, KY*

Kenneth W. Sharp, MD, FACS, *Nashville, TN*

Grace S. Rozycki, MD, FACS, *Indianapolis, IN*

A Thankful Post-Multiple Cardiac Arrest Gunshot Wound Patient Walks Away

Adriana Laser, MD, MPH, *Ann Arbor, MI*

An Unusual Case of Biliary Bezoar Causing Small Bowel Obstruction in a Patient with Ampullary Diverticulum and Stapled Gastroplasty

Awais Ashfaq, MD, *Phoenix, AZ*

Fatal Esophageal Bleeding following Endoscopic Stenting for Treatment of Anastomotic Leak after Total Gastrectomy

Nisha Branch, MD, *Washington, DC*

Gastrointestinal Mucormycosis Complicated by Arterio-Enteric Fistula and Massive Hematochezia

Jordan M. Cloyd, MD, *Stanford, CA*

Locally Invasive Gastric Adenocarcinoma Presenting as Acute Gastrointestinal Bleed from Renal Artery Pseudoaneurysm

Lisa M. Kodadek, MD, *Baltimore, MD*

Septic Shock from an Intra-Abdominal Source: Report of a Meckel's Diverticulum Strangulated and Perforated within a Morgagni's Hernia

Anna C. Weiss, MD, *La Jolla, CA*

Thoraco-Abdominal Impalement: Management Strategies

Kira Smith, MD, *Glen Head, NY*

Sponsored by: Resident and Associate Society

PS207 | 9:45 - 11:15 am

Necrotizing Pancreatitis: The Devil Is in the Details

Location: Moscone West, Third Level, Ballroom

TRACK: GEN

MODERATOR: William H. Nealon, MD, FACS, *Nashville, TN*

CO-MODERATOR: Sarah P. Thayer, MD, PhD, FACS, *Omaha, NE*

This panel will address the care of the patient with severe necrotizing pancreatitis. Panelists will discuss the role of the intensivist, gastrointestinal endoscopists, interventional radiologist, and finally the surgeon in the complex care needed for these patients. Should these patients only be cared for at tertiary centers with a specific interest in this entity?

Treatment of Pancreatic Necrosis/Framing the Issue

William H. Nealon, MD, FACS, *Nashville, TN*

Minimally Invasive/Retroperitoneal Debridement of Pancreatic Necrosis

Karen D. Horvath, MD, FACS, *Seattle, WA*

Open Debridement of Pancreatic Necrosis

Steven J. Hughes, MD, FACS, *Gainesville, FL*

Sponsored by: Advisory Council for General Surgery

PS208 | 9:45 - 11:15 am

Abnormal Mammograms: What's Next?

Location: Moscone North, Exhibit Level, Room 135

TRACK: GEN

MODERATOR: Mary L. Gemignani, MD, MPH, FACS, *New York, NY*

CO-MODERATOR: Sharon S. Lum, MD, FACS, *Loma Linda, CA*

This session will discuss the management of patients with breast lesions that are not malignant but may place the patient at a higher risk for developing breast cancer in the future. Current studies would also support the perception that early stage breast cancer and ductal carcinoma in situ (DCIS) is being over diagnosed and treated. Surgical, oncological, and radiological recommendations for screening and treatment will be reviewed. Specifically, guidelines and controversies regarding who needs further surgery, imaging, genetic evaluation, antiestrogen therapy, and oncology referral will be discussed.

Introduction

Mary L. Gemignani, MD, MPH, FACS, *New York, NY*
Sharon S. Lum, MD, FACS, *Loma Linda, CA*

Supplemental Screening – Modalities (Screening Ultrasound, Magnetic Resonance Imaging, Tomo) and Risk-Based Approach Recommendations

Elissa Price, MD, *San Francisco, CA*

A Pathologic Perspective: Do All High-Risk Lesions Need to Be Surgically Excised?

Melissa Murray, DO, *New York, NY*

High-Risk Lesions: A Surgical Perspective, Risk-Assessment and Risk-Reducing Strategies

Mary L. Gemignani, MD, MPH, FACS, *New York, NY*

Sharon S. Lum, MD, FACS, *Loma Linda, CA*

Sponsored by: Advisory Council for General Surgery

PS209 | 9:45 - 11:15 am

Getting Out of Trouble in the Pelvis

Location: Moscone South, Esplanade Level, Room 307-310



TRACK: CRS, OBG, URO

MODERATOR: Patricia L. Roberts, MD, FACS, *Burlington, MA*

CO-MODERATOR: Steven R. Hunt, MD, FACS, *St. Louis, MO*

This is a multidisciplinary session associated with gynecologic and genitourinary issues that deal with ureteral injuries, bladder injuries, presacral bleeding, and inadvertent rectal entry.

Introduction

Patricia L. Roberts, MD, FACS, *Burlington, MA*

The Colorectal Surgeon's Perspective

Richard M. Devine, MD, FACS, *Rochester, MN*

The Gynecologist's Perspective

Stephen L. Rose, MD, *Madison, WI*

The Urologist's Perspective

Seth P. Lerner, MD, FACS, *Houston, TX*

Sponsored by: Advisory Council for Colon and Rectal Surgery

PS210 | 9:45 - 11:15 am

Safe Energy Use in the Operating Room

Location: Moscone West, Second Level, Room 2002/2004



TRACK: GEN

MODERATOR: Liane S. Feldman, MD, FACS, FRCS, *Montreal, QC*

CO-MODERATOR: Thomas N. Robinson, MD, FACS, *Aurora, CO*

Energy devices are ubiquitous in operating rooms, yet they remain poorly understood. The combination of electrical current, heat generation, the wide variety of devices, and the complex environments in which they are used can result in complications. This session will focus on safety and will review current data for the use of advanced energy-based surgical devices. In addition, this session will include a talk concerning potential future therapeutic energy applications, such as the use of plasma medicine.

Introduction

Liane S. Feldman, MD, FACS, FRCS, *Montreal, QC*

Why We Need a Curriculum in Safe Energy

Daniel B. Jones, MD, MS, FACS, *Boston, MA*

The Monopolar 'Bovie' Instrument—So, That's How It Works

Liane S. Feldman, MD, FACS, FRCS, *Montreal, QC*

Electrosurgical Safety 101: What You Don't Know May Hurt You

Thomas N. Robinson, MD, FACS, *Aurora, CO*

Preventing and Responding to Operating Room Fires: A Team Effort

L. Michael Brunt, MD, FACS, *St. Louis, MO*

Choosing the Right Tool for the Right Job: Evidence Base for "Advanced" Devices

Dean J. Mikami, MD, FACS, *Columbus, OH*

The Future of Energy in Your Operating Room

Brian J. Dunkin, MD, FACS, *Houston, TX*

Sponsored by: Committee on Emerging Surgical Technology and Education

PS211 | 9:45 - 11:15 am

Primer on Thoracic Oncology Principles

Location: Moscone South, Esplanade Level, Room 304/306



TRACKS: CTS, GEN, ONC

MODERATOR: Matthew A. Facktor, MD, FACS, *Danville, PA*

CO-MODERATOR: Sandra L. Starnes, MD, FACS, *Cincinnati, OH*

Lung cancer is one of the most common tumors worldwide, and the general surgeon is often called on to manage patients with thoracic cancers. This session will introduce the general surgeon to the basics of thoracic oncology clinical management and will expose the audience to critical advances in the diagnosis and treatment of thoracic malignancies.

Introduction

Matthew A. Facktor, MD, FACS, *Danville, PA*

Lung Cancer Screening and Management of Pulmonary Nodules

K. Robert Shen, MD, FACS, *Rochester, MN*

Current Standards for Lung Cancer Staging and Evaluation

Jessica Scott Donington, MD, FACS, *New York, NY*

Current Standards for Pulmonary Resection

Patrick Ross, Jr., MD, PhD, FACS, *Columbus, OH*

Neoadjuvant and Adjuvant Chemotherapy and Radiation Therapy

Andrew C. Chang, MD, FACS, *Ann Arbor, MI*

Management of Malignant Pleural Effusion

Elizabeth A. David, MD, *Houston, TX*

Sponsored by: Commission on Cancer and the Advisory Council for Cardiothoracic Surgery

PS212 | 9:45 - 11:15 am

Is Private Practice Dead? Private Practice vs. Hospital Employment

Location: Moscone West, Third Level, Room 3014/3016/3018



TRACKS: GEN, RUS

MODERATOR: Philip R. Caropreso, MD, FACS, *Keokuk, IA*

CO-MODERATOR: Nathalie M. Johnson, MD, FACS, *Portland, OR*

This session will review changes in the health care economy and how these changes will impact employment models of the future. Strengths and weaknesses of private practice will be reviewed. Advantages and disadvantages to hospital employment will be discussed and timing of practice change. Basis business facts, cash flow, accrual basis will be reviewed. Additionally, the historic perspective of evolving surgeon practice patterns will be discussed.

Introduction

Philip R. Caropreso, MD, FACS, *Keokuk, IA*

Medical Economics for Private Practice and Employment

Julie A. Conyers, MD, FACS, *Truckee, CA*

Employment after Private Practice

Blayne A. Standage, MD, *Portland, OR*

Private Practice Lives

John M. Sullivan, MD, FACS, *Ennis, TX*

Summary and Conclusions

Nathalie M. Johnson, MD, FACS, *Portland, OR*

Sponsored by: Advisory Council for General Surgery and Advisory Council for Rural Surgery

PS213 | 9:45 - 11:15 am

Contemporary Management of Aerodigestive Tract Foreign Bodies

Location: Moscone South, Exhibit Level, Room 102

TRACKS: GEN, OTO, PED

MODERATOR: Peter J. Koltai, MD, FACS, *Stanford, CA*

CO-MODERATOR: Gary C. Vitale, MD, FACS, *Louisville, KY*

While public awareness campaigns and national legislation have decreased the incidence of aerodigestive tract foreign bodies, the number of physicians who are trained and are comfortable with the management of this life-threatening problem is also decreasing. This fact is due in part to changes in call schedules and concentration of expertise. While most patients can be transferred to a children's hospital, the emergency nature of this problem often forces surgeons without recent experience into uncomfortable and challenging clinical situations. This panel will attempt to broaden the knowledge of surgeons toward aerodigestive tract foreign bodies to avoid less than optimal patient outcomes.

Introduction of Panel and a Case Presentation

Peter J. Koltai, MD, FACS, *Stanford, CA*

A Life Studying Pediatric Foreign Body Aspiration

James S. Reilly, MD, FACS, *Wilmington, DE*

Button Batteries: The National Threat

Toby Litovitz, MD, *Washington, DC*

Mechanism of Injury and Industrial Mitigation

Marc K. Boolish, *Westlake, OH*

Clinical Spectrum of Battery Injuries

Kris R. Jatana, MD, FACS, *Columbus, OH*

Button Battery Task Force: A National Coalition

Ian N. Jacobs, MD, FACS, *Philadelphia, PA*

Sponsored by: Advisory Council for General Surgery and the Advisory Council for Otolaryngology-Head and Neck Surgery

PS214 | 12:45 - 2:15 pm

IPMN: What Is Behind the Letters?

Location: Moscone South, Esplanade Level, Room 304/306

TRACK: GEN

MODERATOR: Keith D. Lillemoe, MD, FACS, *Boston, MA*

CO-MODERATOR: Taylor S. Riall, MD, PhD, FACS, *Galveston, TX*

This panel will explore a disease entity known as intraductal papillary mucinous neoplasms (IPMN) that was quite rare 20 years ago, but is now all the rage. Where did this come from and how is it possible that we did not see this 20 years ago? Panelists will discuss the differential diagnosis of a small pancreatic cystic lesion incidentally noted on a computed tomography scan. What should the surgeon do, if anything, to evaluate this finding and who ultimately needs an operation?

Introduction

Keith D. Lillemoe, MD, FACS, *Boston, MA*

What Have We Learned in 20 Years?

Taylor S. Riall, MD, PhD, FACS, *Galveston, TX*

The Incidental Pancreatic Cyst: What to Do?

Carlos Fernandez del Castillo, MD, *Boston, MA*

IPMNs: If You Don't Operate, Then What?

C. Max Schmidt, MD, *Indianapolis, IN*

IPMNs (Benign and Malignant): Operative Management

Peter J. Allen, MD, FACS, *New York, NY*

IPMNs: The Tumor Was Resected. Now What?

Keith D. Lillemoe, MD, FACS, *Boston, MA*

Sponsored by: Advisory Council for General Surgery

PS215 | 12:45 - 2:15 pm

Abdominal Wall Reconstruction: Choosing the Right Procedure and Materials

Location: Moscone West, Third Level, Ballroom

TRACKS: GEN, PLA

MODERATOR: Charles E. Butler, MD, FACS, *Houston, TX*

CO-MODERATOR: Gregory A. Dumanian, MD, FACS, *Chicago, IL*

This session will review the current trends in abdominal wall reconstruction with the use of acellularized dermal matrix. In addition, the panel will explore conflict of interest issues, and constraints in using biologic tissues.

Introduction

Charles E. Butler, MD, FACS, *Houston, TX*

What Mesh and Technique to Use: When and How

Gregory A. Dumanian, MD, FACS, *Chicago, IL*

Where We Are in AWR: Choice of Techniques to Improve Outcomes

Charles E. Butler, MD, FACS, *Houston, TX*

Biologic Mesh Doesn't Work But What I Do Does Work

Michael J. Rosen, MD, FACS, *Solon, OH*

Doing It 'Right' Will Optimize Results: Evidence-Based Approach to Improved Outcomes

Patrick B. Garvey, MD, FACS, *Houston, TX*

Sponsored by: Advisory Council for General Surgery and the Advisory Council for Plastic and Maxillofacial Surgery

PS216 | 12:45 - 2:15 pm

Evaluation and Management of Incidentally Discovered Liver Masses

Location: Moscone West, Third Level, Room 3014/3016/3018

TRACKS: GEN

MODERATOR: William C. Chapman, MD, FACS, *St. Louis, MO*

CO-MODERATOR: Shimul A. Shah, MD, FACS, *Worcester, MA*

General surgeons are frequently asked to evaluate liver masses, which are being increasingly found today, especially with the increased use and sensitivity of current computed tomography (CT) and magnetic resonance imaging (MRI) scanning. This session will focus on incidentally discovered benign and malignant liver masses, with recommendations for management and follow up. The panel will include an expert cross sectional radiologist and liver surgeons, who will discuss specific case examples. The session will conclude with an interactive case presentation session, illustrating specific scenarios.

Introduction

William C. Chapman, MD, FACS, *St. Louis, MO*

Imaging Aspects for Diagnosis of Benign and Malignant Liver Tumors

Kathryn J. Fowler, MD, *St. Louis, MO*

Surgical Management for Benign Liver Tumors

Christopher J. Sonnenday, MD, *Ann Arbor, MI*

Surgical Management for Malignant Tumors

Shimul A. Shah, MD, FACS, *Worcester, MA*

Sponsored by: Advisory Council for General Surgery

PS217 | 12:45 - 2:15 pm

Evidence-Based Management of Abdominal Aortic Aneurysm

Location: Moscone North, Exhibit Level, Room 134

TRACKS: RUS, VAS

MODERATOR: Gilbert R. Upchurch, MD, FACS, *Charlottesville, VA*

CO-MODERATOR: Frank T. Padberg, MD, FACS, *Newark, NJ*

This panel session will address the recent open versus endovascular management of abdominal aortic aneurysm (OVER) trial that was recently reported. This multicenter, randomized trial provides recent evidence for management of patients with abdominal aortic aneurysms (AAA), including recent four-year follow-up data, as well as subset analysis of age, renal failure, and endoleaks.

Introduction

Gilbert R. Upchurch, MD, FACS, *Charlottesville, VA*

The Open vs. Endovascular Repair Trial: An Overview

Julie A. Freischlag, MD, FACS, *Sacramento, CA*

What We Have Learned from Open Versus Endovascular Repair That We Didn't Know from Dutch Randomized Endovascular Aneurysm Management and Endovascular Aneurysm Repair-One?

Frank T. Padberg, MD, FACS, *Newark, NJ*

Endoleaks and Other Reinterventions in the Open vs. Endovascular Repair Cohort of Endovascular Aneurysm Repair

Wei Zhou, MD, FACS, *Stanford, CA*

Balancing Mortality and Outcomes of Elective Open Abdominal Aortic Aneurysm Repairs in Comparison to Endovascular Aneurysm Repair

Marc L. Schermerhorn, MD, FACS, *Boston, MA*

Can We Identify Patients Whose Abdominal Aortic Aneurysm (AAA) Would Be Best Managed with Open AAA?

Gernon M. Longo, MD, FACS, *Omaha, NE*

Epidemiology of AAA Repair in the U.S.: 2000–2010.

What Is the Real-World Practice of U.S. AAA Repair?

Sapan Desai, MD, PhD, MBA, *Springfield, IL*

Sponsored by: Advisory Council for Vascular Surgery

PS218 | 12:45 - 2:15 pm

Human Genomics and Personalized Medicine in Surgical Practice

Location: Moscone North, Exhibit Level, Room 132–133

TRACKS: BTR, GEN, ONC

MODERATOR: Funda Meric-Bernstam, MD, FACS, *Houston, TX*

CO-MODERATOR: Kelly K. Hunt, MD, FACS, *Houston, TX*

Major breakthroughs have occurred in human genomics over the last decade. Tools are now available to determine prognosis and predict response to therapy in oncology. In addition to mutations in the tumor, germline genomics are being pursued to understand the pharmacogenetics of therapeutics in an individual patient. As technology has advanced, ethical, social, and legal issues have emerged that continue to shape the field. The Cancer Genome Atlas has used high through-put genome sequencing to identify changes in deoxyribonucleic acid (DNA) sequences associated with specific types of cancer. Newer technologies have emerged including sequencing of cell free plasma DNA. This session will explore available technologies for cancer diagnosis and treatment, implementation of genetic information into practice, and discussion of the economics and policy of personalized medicine.

Introduction

Funda Meric-Bernstam, MD, FACS, *Houston, TX*

Advances in Germline Genetics: What Surgeons Need to Know

Judy E. Garber, MD, MPH, *Boston, MA*

Somatic Mutation Testing and Opportunities for Clinical Interventions

Funda Meric-Bernstam, MD, FACS, *Houston, TX*

Germline Pharmacogenomics: What Do We Know?

Joshua C. Denny, MD, MS, *Nashville, TN*

Sponsored by: Committee for the Forum on Fundamental Surgical Problems

PS219 | 12:45 - 2:15 pm

Controversies in Obesity Surgery in Adolescents

Location: Moscone West, Second Level, Room 2002/2004

TRACKS: GEN, PED

MODERATOR: Carroll M. Harmon, MD, FACS, *Birmingham, AL*

CO-MODERATOR: James M. Swain, MD, FACS, *Scottsdale, AZ*

Obesity continues to increase in both adolescents and adults. This session will address the issues surrounding patient selection, indications for surgery, and surgical techniques. In addition, outcomes including long-term benefits and efficacy in both the adolescent and adult populations, will be addressed.

Introduction

Carroll M. Harmon, MD, FACS, *Birmingham, AL*

How Low Can We Can Go?

Marc Peter Michalsky, MD, FACS, *Columbus, OH*

Does the Band Play On?

Bradley F. Schwack, MD, *New York, NY*

Sleeve vs. Bypass

Samer Gamil Mattar, MBBCh, FACS, *Portland, OR*

Sponsored by: Advisory Council for Pediatric Surgery

PS220 | 1:00 - 5:00 pm

Association of Program Directors in Surgery (APDS) Panels: The Future of Graduate Medical Education Funding; Assessment of Intraoperative Skills

Location: Moscone South, Exhibit Level, Room 102

TRACKS: EDU, RES/MED

MODERATOR: Douglas S. Smink, MD, FACS, *Boston, MA*

CO-MODERATOR: Jon B. Morris, *Philadelphia, PA*

The Association of Program Directors in Surgery (APDS) presents two panels on key issues in surgery resident education. The first panel looks at the future of funding for graduate medical education through multiple lenses: a CEO, a designated institutional official (DIO), a representative of the American College of Surgeons, and the Accreditation Council for Graduate Medical Education (ACGME). The second panel addresses the current mandate of assessment of intraoperative skill, led by experts in technical skill, non-technical skill, and operative judgment. Panels will include talks by expert speakers as well as a panel discussion. The annual APDS Business Meeting will follow the Panel Session from 4:00 to 5:00 pm.

Panel #1: The Future of Graduate Medical Education Funding: Perspectives of a CEO, a DIO, the ACS, and the ACGME

Introduction

Douglas S. Smink, MD, FACS, *Boston, MA*

Perspective of a CEO

Larry R. Kaiser, MD, FACS, *Philadelphia, PA*

Perspective of a DIO

Debra G. Koivunen, MD, FACS, *Columbia, MO*

Perspective of the ACS

Christian Shalgian, *Washington, DC*

Perspective of the ACGME

John R. Potts, MD, FACS, *Chicago, IL*

Panel #2: Intraoperative Evaluation of Technical and Non-technical Skills

Introduction

Douglas S. Smink, MD, FACS, *Boston, MA*

Assessment of Technical Skills

Gary L. Dunnington, MD, FACS, *Indianapolis, IN*

Assessment of Non-technical Skills

Steven J. Yule, PhD, *Boston, MA*

Assessment of Intraoperative Judgment

Carol-anne Moulton, MB, BS, MEd, PhD, FRACS, *Toronto, ON*

Sponsored by the Association of Program Directors in Surgery and Division of Education

PS221 | 2:30 - 4:00 pm

Status of Nipple Sparing Mastectomy: Evidence and Controversies

Location: Moscone West, Third Level, Ballroom

TRACKS: GEN, PLA

MODERATOR: Jay K. Harness, MD, FACS, *Orange, CA*

CO-MODERATOR: Laurel C. Soot, MD, FACS, *Portland, OR*

This session will focus on the current trends toward nipple-sparing mastectomies.

Introduction

Jay K. Harness, MD, FACS, *Orange, CA*

Surgical Oncology and Nipple Sparing Mastectomy

Shawna C. Willey, MD, FACS, *Washington, DC*

The Team Approach

Pat W. Whitworth, MD, FACS, *Nashville, TN*

Breast Reconstruction Timing and Techniques

Hani Sbitany, MD, *San Francisco, CA*

The ASBS Nipple-Sparing Registry

Laurel C. Soot, MD, FACS, *Portland, OR*

Sponsored by: Advisory Council for Plastic and Maxillofacial Surgery and the Advisory Council for General Surgery

PS222 | 2:30 - 4:00 pm

Fournier's Gangrene

Location: Moscone South, Esplanade Level, Room 307-310

TRACKS: PLA, URO

MODERATOR: Steven B. Brandes, MD, FACS, *St. Louis, MO*

CO-MODERATOR: Jeffrey B. Friedrich, MD, FACS, *Seattle, WA*

Necrotizing soft tissue infections of the genitalia and surrounding areas present profound challenges to diagnosis, critical care, and the combined surgical, urological, and reconstructive disciplines. This panel session will follow the pathway from initial presen-

tation to final skin coverage taking advantage of a multidisciplinary team approach to care.

Introduction

Steven B. Brandes, MD, FACS, *St. Louis, MO*

Pathogenesis, Risk Factors, Evaluation, and Imaging
Benjamin N. Breyer, MD, MAS, *San Francisco, CA*

Principles of Acute Surgical Therapy and Critical Care Support

Douglas J. E. Schuerer, MD, FACS, *St. Louis, MO*

The Multidisciplinary Approach to Fournier's Urology, Trauma/ACS, Colorectal, and Infectious Disease

Bryan B. Voelzke, MD, *Seattle, WA*

Reconstruction of Genital and Perineal Tissue Defects
David M. Young, MD, FACS, *San Francisco, CA*

Sponsored by: Advisory Council for Urology and the Advisory Council for Plastic and Maxillofacial Surgery

PS223 | 2:30 - 4:00 pm

The Environmentally Responsible Surgical Practice

Location: Moscone West, Second Level, Room 2006/2008

TRACKS: GEN, HP

MODERATOR: Daniel D. Klaristenfeld, MD, FACS, *San Diego, CA*

CO-MODERATOR: Ellen T. Farrokhi, MD, FACS, *Seattle, WA*

In the past 10 to 15 years, there has been great focus on resource conservation, alternative energy, and safe reusable technology. Social responsibility, waste elimination, and cost consciousness in the operating room is a priority for every surgeon. This is an area where surgeons can prove to be leaders in helping the fiscal problem health care is facing. The panel will focus on surgeon practices which can most positively influence our world around us, reduce costs, and limit pollution and waste while maintaining superb outcomes.

Introduction

Daniel D. Klaristenfeld, MD, FACS, *San Diego, CA*

The Forgotten Part of Surgical Practice: Increasing Productivity and Eliminating Waste in the Surgical Clinic

Adnan A. Alseidi, MD, FACS, *Seattle, WA*

A Skeptic's View: Environmentalism in Surgical Product Procurement

Thomas A. Paluch, MD, *San Diego, CA*

Spending Resources Wisely: Maximizing Value for Surgeons' Investments

Beth Devine, PhD, PharmD, MBA, *Seattle, WA*

Sponsored by: Young Fellows Association

PS224 | 2:30 - 4:00 pm

Contemporary Issues with Access for Hemodialysis

Location: Moscone North, Exhibit Level, Room 130-131

TRACKS: GEN, VAS

MODERATOR: David L. Cull, MD, FACS, *Greenville, SC*

CO-MODERATOR: Karen Woo, MD, FACS, *Los Angeles, CA*

This panel session will address the contemporary surgical management of access for hemodialysis. Topics to be addressed include placement of temporary or permanent catheters; preoperative workup, including the role of duplex in venous mapping; new intraoperative techniques, including alternative access sites and procedures; postoperative techniques for maturation of fistulae, including the role of balloon-assisted maturation; and the diagnosis and management of the failing or failed access. The role of the hemodialysis reliable outflow (HERO) device for alternative catheter access will be discussed.

Introduction

David L. Cull, MD, FACS, *Greenville, SC*

Contemporary Management of Access-Related Limb Ischemia Steal Syndrome

Christopher G. Carsten, MD, FACS, *Greenville, SC*

Management of AV Fistula Pseudoaneurysms and Megafistulas

Karen Woo, MD, FACS, *Los Angeles, CA*

Nonautogenous Conduits for Vascular Access: What's New?

Vincent L. Rowe, MD, FACS, *Los Angeles, CA*

Lower Extremity Vascular Access: Techniques and Outcomes

Ahmed M. Abou-Zamzam, MD, FACS, *Loma Linda, CA*

Risk-Reduction in Hemodialysis Access Surgery: Why Do We Get Sued and What Can We Do About It?

Larry A. Scher, MD, FACS, *Rye, NY*

Current Status of the Fistula First Breakthrough Initiative: Should It Be Altered?

David L. Cull, MD, FACS, *Greenville, SC*

Sponsored by: Advisory Council for Vascular Surgery

PS225 | 2:30 - 4:00 pm

Factors Shaping Surgery during the 20th Century: The Inaugural Session of the ACS Surgical History Group

Location: Moscone South, Esplanade Level, Room 304/306

TRACKS: EDU, GEN, RES/MED

MODERATOR: LaMar S. McGinnis, Jr., MD, FACS, *Atlanta, GA*

CO-MODERATOR: Norman M. Rich, MD, FACS, *Bethesda, MD*

This inaugural session of the American College of Surgical History Group (ACSSHG) explores four topics that have shaped the trajectory of American surgery over the 20th century. Rather than highlighting specific clinical developments, this panel will examine contributions that have advanced the whole of surgery. The discussion topics will include: (1) how the evolution of surgical education and training created better trained surgeons able to care for more complex patient situations; (2) how surgical professional organizations fostered standards and ethical practices as they elevated the surgical professional environment; (3) the catalyzing relationship between war and surgery, sometimes referred to as the only benefit of war;

and (4) the crucial role of ever advancing technology and its positive effect on patient care. Through this debut, the ACSSHG hopes to inspire interest in and passion for the past so that it might better shape our future.

Introduction

LaMar S. McGinnis, Jr., MD, FACS, *Atlanta, GA*

The Training of a Surgeon

John L. Cameron, MD, FACS, *Baltimore, MD*

Professional Organizations and Their Impact on American Surgery

David L. Nahrwold, MD, FACS, *Northbrook, IL*

What Surgeons Learn from Wars

Basil A. Pruitt, Jr., MD, FACS, FCCM, MCCM, *San Antonio, TX*

A Fruitful Partnership—Surgeons and Technology

Mark A. Talamini, MD, FACS, *San Diego, CA*

Sponsored by: American College of Surgeons History Group

PS226 | 2:30 - 5:45 pm

Ethics Colloquium: Ethical Allocation of Health Care Resources

Location: Moscone West, Second Level, Room 2002/2004

TRACK: ETH

MODERATOR: Gretchen M. Schwarze, MD, FACS, *Madison, WI*

CO-MODERATOR: Richard B. Reiling, MD, FACS, *Charlotte, NC*

Fair and ethical stewardship of health care resources is a key tenant of the professionalism charter for physicians, and many professional societies have called for efforts to promote high-value, cost-conscious care. There is significant ethical tension between the surgeon's fiduciary duty to the patient and the larger community, yet the use of high cost, marginally beneficial care has broad societal impact on health and the economy. This case-based session will introduce surgeons to the challenges involved in allocation of health care resources and identify the important role surgeons play in determining the utilization and distribution of these resources.

Introduction

Gretchen M. Schwarze, MD, FACS, *Madison, WI*

Point and Counterpoint: How Should Surgeons Consider the Additional Costs Associated with Robotic Surgery?

Emily Bellavance, MD, *Baltimore, MD*

Point and Counterpoint: How Should Surgeons Consider the Additional Costs Associated with Robotic Surgery?

Eric A. Singer, MD, MA, *Belle Mead, NJ*

Discussion of Additional Costs Associated with Robotic Surgery

Peter Angelos, MD, PhD, FACS, *Chicago, IL*

Point and Counterpoint: Consideration of Treatment Costs When the Patient Is Self-Pay

Jukes P. Namm, MD, *Loma Linda, CA*

Point and Counterpoint: Consideration of Treatment Costs When the Patient Is Self-Pay

Alexander Langerman, MD, FACS, *Chicago, IL*

Discussion of Treatment Costs When the Patient Is Self-Pay

Wayne A. I. Frederick, MD, MBA, FACS, *Washington, DC*

Point and Counterpoint: The High Cost of New Technology

Laurel R. Imhoff, MD, MPH, *Oakland, CA*

Discussion of the High Cost of New Technology

Joseph C. Cleveland, MD, FACS, *Aurora, CO*

Point and Counterpoint: Allocation Considerations in End-of-Life Settings

Michael J. Nabozny, MD, *Madison, WI*

Point and Counterpoint: Allocation Considerations in End-of-Life Settings

Zara Cooper, MD, FACS, *Boston, MA*

Discussion of Allocation Considerations in End-of-Life Settings

Timothy G. Buchman, MD, FACS, *Atlanta, GA*

Panel Discussion and Conclusion

Richard B. Reiling, MD, FACS, *Charlotte, NC*

Sponsored by: Committee on Ethics

PS228 | 4:15 - 5:45 pm

Management of Common Thoracic Trauma

Location: Moscone South, Esplanade Level, Room 307-310

TRACKS: CTS, GEN, TRA

MODERATOR: Thomas K. Varghese, Jr., MD, FACS, *Seattle, WA*

CO-MODERATOR: J. Wayne Meredith, MD, FACS, *Winston-Salem, NC*

Thoracic trauma crosses multiple disciplines including vascular, cardiac, thoracic, head and neck, trauma, and even spine/ortho/neurosurgery. This session discusses the common major issues encountered in thoracic trauma including blunt and penetrating aortic and cardiac trauma. Esophageal and tracheal injury will also be addressed. Many of these injuries will also extend into and beyond the diaphragm to include the liver. Imaging of these lesions is crucial and may allow nonoperative interventions. The evolution of their management with modern imaging techniques will be discussed.

Introduction

Thomas K. Varghese, Jr., MD, FACS, *Seattle, WA*

Tracheal Injury Case Presentation

Michael Lanuti, MD, FACS, *Boston, MA*

Esophageal Injury Case Presentation

David T. Cooke, MD, FACS, *Sacramento, CA*

Sponsored by: Committee on Trauma and the Advisory Council for Cardiothoracic Surgery

PS229 | 4:15 - 5:45 pm

Burn Update for the General Surgeon*Location: Moscone North, Exhibit Level, Room 135*

TRACKS: GEN, TRA

MODERATOR: Nicholas Namias, MD, FACS, FCCM, *Miami, FL*CO-MODERATOR: David G. Greenhalgh, MD, FACS, *Sacramento, CA*

Routine burn care remains under the purview of the general surgeon. Experts in the field will review updates in burn resuscitation, wound care, and rehabilitation after thermal injury. Criteria for transfer to a burn center and highlights of the Advanced Burn Life Support course will be discussed as well as basic principles of mass-casualty burn care.

IntroductionNicholas Namias, MD, FACS, FCCM, *Miami, FL***Burn Pathophysiology**David G. Greenhalgh, MD, FACS, *Sacramento, CA***Frostbite**Amalia L. Cochran, MD, FACS, *Salt Lake City, UT***Electric Burns**Steven E. Wolf, MD, FACS, *Dallas, TX***Chemical Burns**Robert Cartotto, MD, FRCSC, *Toronto, ON***Outpatient Burn Care**James H. Holmes, MD, FACS, *Winston-Salem, NC***Difficult Cases**Nicholas Namias, MD, FACS, FCCM, *Miami, FL**Sponsored by: Committee on Trauma*

PS230 | 4:15 - 5:45 pm

Contemporary Management of Rectal Cancer: Where Are We Now and Where Might We Be Going?*Location: Moscone West, Third Level, Ballroom*

TRACKS: CRS, ONC

MODERATOR: James W. Fleshman, MD, FACS, FASCRS, *Dallas, TX*CO-MODERATOR: David W. Dietz, MD, FACS, *Cleveland, OH*

This session will address the current work-up and multidisciplinary treatment options for rectal cancer, including ongoing trials and the role of laparoscopic/robotic proctectomy.

IntroductionJames W. Fleshman, MD, FACS, FASCRS, *Dallas, TX***T1 Rectal Cancer at 10cm**Warren E. Lichliter, MD, FACS, *Dallas, TX***T3N2 Rectal Cancer with Lateral Wall Invasion**John W. Monson, MD, FACS, *Rochester, NY***T4Nx Cancer with Vaginal Invasion**Paul E. Wise, MD, FACS, FASCRS, *St. Louis, MO***T2N1 Rectal Cancer at 7cm with Three Liver Mets**Scott R. Steele, MD, FACS, FASCRS, *Fort Lewis, WA**Sponsored by: Commission on Cancer and the Advisory Council for Colon and Rectal Surgery*

PS231 | 4:15 - 5:45 pm

Zoning in on Neck Injury: The Multimodality Treatment of Penetrating and Blunt Trauma to the Neck*Location: Moscone North, Exhibit Level, Room 130-131*

TRACKS: NEU, OTO, TRA

MODERATOR: Charles J. Prestigiacomo, MD, FACS, *Newark, NJ*CO-MODERATOR: David H. Livingston, MD, FACS, *Newark, NJ*

The treatment of traumatic injury to the neck continues to be a significant source of dynamic tension in some institutions. Penetrating injury to the neck is but one aspect that carries some controversies, especially in the setting of newer endovascular techniques. This panel session will provide the attendees evidence-based discussions regarding the treatment of patients with penetrating neck injury, traumatic dissections, and the prioritization of treatment when injuries are complicated by cervical spine fractures and/or dislocations. A series of treatment algorithms will be presented and further developed during the panel discussions.

Introduction: "Zones of Injury"—Practical Benefits or Historical Interest?Charles J. Prestigiacomo, MD, FACS, *Newark, NJ***Endovascular Approaches for Neck Injuries: Ready for Primetime?**Chirag D. Gandhi, MD, *Newark, NJ***Impalement Injuries: Having the Team Ready**David H. Livingston, MD, FACS, *Newark, NJ**Sponsored by: Committee on Trauma and the Advisory Council for Neurological Surgery*

PS232 | 4:15 - 5:45 pm

Educating Patients about Ostomies, Tubes, Wounds, and Lines = Quality*Location: Moscone South, Esplanade Level, Room 304/306*

TRACKS: GEN, RES/MED

MODERATOR: Shannon L. Castle, MD, *Los Angeles, CA*CO-MODERATOR: Shanda H. Blackmon, MD, MPH, FACS, *Houston, TX*

In order to meet meaningful use criteria, all providers must deliver patient education via electronic health records. While quality education is identified as a major mechanism for improving satisfaction and decreasing avoidable readmissions, provider time and money to develop optimal education programs is limited. This program will present the best programs and the best methods to deliver education materials to patients to influence compliance, improve surgical outcomes, and avoid readmissions. Both content and technology systems will be included. The focus will be on: (1) multidisciplinary education for patients with breast cancer; (2) improving the quality of life for the patient with a colostomy; and (3) knowledge is power: teaching patients to manage their feeding tubes and central lines.

Welcome and Overview—Importance of Patient Education and ACS Resources

Shannon L. Castle, MD, *Los Angeles, CA*

Speaker Introductions

Shanda H. Blackmon, MD, MPH, FACS, *Houston, TX*

Improving the Quality of Life for the Patient with a Colostomy

Michael F. McGee, MD, FACS, *Chicago, IL*

Education for the Patient with Breast Cancer

Stephanie F. Bernik, MD, FACS, *Rockleigh, NJ*

Central Line Home Management—Preparing Families to Become Infusion Therapists

Gregory S. Cherr, MD, FACS, *Buffalo, NY*

Sponsored by: Patient Education Committee

PS233 | 4:15 - 5:45 pm Emergency Surgery Around the World



Location: Moscone North, Exhibit Level, Room 134

TRACKS: INT, TRA

MODERATOR: Rifat Latifi, MD, FACS, *Tucson, AZ*

CO-MODERATOR: George C. Velmahos, MD, FACS, *Boston, MA*

This panel session will examine unique diseases, which though generally uncommon in North America, are being encountered with increasing frequency by surgeons from North America. This is due in part to immigration and because of volunteering activities of American surgeons to other parts of the world. Such surgical emergencies are often managed suboptimally because of the unfamiliarity of the surgeons with diagnosis and treatment. Authorities from around the world will be called to lecture on these diseases. At this preliminary stage we plan to include: (1) ruptured hydatid cyst disease; (2) intestinal obstruction from parasites and other rare causes; (3) abdominal infection from TB, actinomycosis, amoeba, and other rare bacteria; (4) intrahepatic biliary obstruction; and (5) early surgery for necrotizing pancreatitis.

Introduction

Rifat Latifi, MD, FACS, *Tucson, AZ*

George C. Velmahos, MD, FACS, *Boston, MA*

Surgical Complications of Amoebic Disease

Damian Clarke, MB, BCh, FCS(SA), M Med Sci, MBA, M Phil, *Durban Area, South Africa*

Emergencies from Hydatid Cyst Disease

Avdyl Kransinqi, MD, PhD, *Prishtina, Serbia*

Surgical Management of TB Peritonitis

Sharad N. Shenoy, FCPS, DNB, FASI, FMAS, FIAGES, *Mumbai, India*

Typhoid Peritonitis

Stanley N. C. Anyanwu, MB, BS, FACS, *Onitsha, Nigeria*

Surgery for Necrotizing Pancreatitis: A Step Up Approach

Peter J. Fagenholz, MD, *Boston, MA*

Sponsored by: International Relations Committee and the Committee on Trauma

Wednesday, October 29

PS300 | 8:00 - 9:30 am

The Toughest Trauma Case I Ever Had: Learn from the Experts



Location: Moscone West, Third Level, Ballroom

TRACKS: GEN, TRA

MODERATOR: Therese M. Duane, MD, FACS, FCCM, *Richmond, VA*

CO-MODERATOR: M. Timothy Nelson, MD, FACS, *Albuquerque, NM*

Four well-respected trauma surgeons present the toughest trauma cases they've ever had and what they did to manage patients with multiple injuries, with a focus on difficulties related to prioritization of injuries. The other panelists serve to critique and propose alternative treatment plans. Audience participation will enable the attendees to weigh in with their thoughts on these challenging scenarios. This session will last 90 minutes and will be immediately followed by a similarly structured session with four acute care surgeons presenting the toughest nontrauma emergency case they ever had and what they did to manage the patient.

Introduction

Therese M. Duane, MD, FACS, FCCM, *Richmond, VA*

Blast Injuries and Decisions Made After Damage Control

Joseph J. DuBose, MD, FACS, *Liberty Hill, TX*

Multisystem Trauma in the Elderly: What If We Don't Call It Quits?

Rajesh Ramesh Gandhi, MD, FACS, *Fort Worth, TX*

Where Is the Bullet? Surgical Decision Making with Complex Penetrating Trauma

Ajai K. Malhotra, MB, BS, FACS, *Richmond, VA*

Atrio-Caval Disruption

Oscar D. Guillaumondegui, MD, MPH, FACS, *Nashville, TN*

Sponsored by: Committee on Trauma and the Advisory Council for General Surgery

PS301 | 8:00 - 9:30 am Surgical Management of Adrenal Masses in Children and Adults



Location: Moscone North, Exhibit Level, Room 134

TRACKS: ONC, PED

MODERATOR: Jed G. Nuchtern, MD, FACS, *Houston, TX*

CO-MODERATOR: Electron Kebebew, MD, FACS, *Bethesda, MD*

Adrenal masses are encountered in both pediatric and adult patients, and the management of these conditions is becoming more complex. This session will focus upon the management of the incidental adrenal mass, the roles of imaging in benign and malignant lesions, the advantages of the different surgical approaches to adrenalectomy, and the best practices for follow up of these lesions.

Introduction

Jed G. Nuchtern, MD, FACS, *Houston, TX*

The Evolving Role of Cortical-Sparing Adrenalectomy

Martin K. Walz, MD, *Essen, Germany*

Systemic Therapy for Malignant Adrenal Neoplasms: When and What?

Antonio T. Fojo, MD, PhD, *Bethesda, MD*

Expectant Observation of Adrenal Masses in Neonates

Jed G. Nuchtern, MD, FACS, *Houston, TX*

Genetic Evaluation of Adults and Children with Adrenal Neoplasms

Eren Berber MD, FACS, *Cleveland, OH*

Sponsored by: Advisory Council for Pediatric Surgery and Advisory Council for General Surgery

PS302 | 8:00 - 9:30 am

Sports Hernia: Fantasy or Reality?

Location: Moscone South, Esplanade Level, Room 307-310

TRACK: GEN

MODERATOR: David L. Berger, MD, FACS, *Boston, MA*

CO-MODERATOR: John B. Hanks, MD, FACS, *Charlottesville, VA*

There has been disagreement over the problem of groin pain in the athlete leading to the development of a number of terms describing sports hernia, athletic pubalgia, and many others for a patient who has no obvious inguinal hernia on physical exam. There have been many treatment procedures described and numerous diagnostic techniques, but no consensus has emerged to guide a surgeon as the proper evaluation and imaging techniques for such patients—nor has there been a consensus on appropriate surgical procedures. This panel will discuss both diagnostic and surgical management of this vexing problem.

Introduction

David L. Berger, MD, FACS, *Boston, MA*

Sports Hernia: It Is Real and Here Is Why

John B. Hanks, MD, FACS, *Charlottesville, VA*

Open Repair and Adductor issues

David L. Berger, MD, FACS, *Boston, MA*

Open Repair with Minimally Invasive Technique

Katherine Graw Lamond, MD, *Chevy Chase, MD*

Laparoscopic Repair of Sports Hernias

David S. Edelman, MD, FACS, *Miami, FL*

Sponsored by: Advisory Council for General Surgery

PS303 | 8:00 - 9:30 am

The Tyranny of Distance: Interhospital Transfers—A Worldwide Issue for Quality Patient Care

Location: Moscone West, Third Level, Room 3020/3022

TRACK: RUS

MODERATOR: Tyler G. Hughes, MD, FACS, *McPherson, KS*

CO-MODERATOR: Mark T. Savarise, MD, FACS, *Salt Lake City, UT*

This session will discuss interhospital transfers for emergency and elective surgical issues including mechanisms for successful transfers, problems of dumping patients, perspectives of both the receiving

and sending institution. Since almost 20 percent of patients in intensive care units or emergency departments require transfer, this is a common issue for both surgeons which contributes to quality deterioration through delay of treatment, loss of patient autonomy, economic impact on hospitals and surgeons, and causation of burnout and stress. The trauma system model and regionalized emergency surgery systems will be discussed along with discussion of the impact on nonsurgeon policy makers on transfer issues. Various methods of transfer will be discussed, in addition to international perspectives and the use of telemedicine.

Introduction

Tyler G. Hughes, MD, FACS, *McPherson, KS*

Mountains, Snow, and Sick Patients

Adam Deutchman, MD, FACS, *Salmon, ID*

Isolation in Paradise: Fundamental Challenges for the General Surgeon

Ricardo B. Eusebio, MD, FACS, *Tamuning, Guam*

The View from Skyfall: Rural Scotland and Regional Care

Sarah Prince, FRCSEd, *Inverness-shire, UK*

Both Sides Now

Alexander L. Colonna, MD, *Salt Lake City, UT*

Sponsored by: Advisory Council for Rural Surgery

PS304 | 8:00 - 9:30 am

Vascularized Composite Allotransplantation: From Faces to Hands

Location: Moscone South, Esplanade Level, Room 304/306

TRACKS: GEN, PLA

MODERATOR: Dennis P. Orgill, MD, PhD, FACS, *Boston, MA*

CO-MODERATOR: Kodi K. Azari, MD, FACS, *Los Angeles, CA*

Composite tissue transfer has great potential in reconstruction of complex defects such as the face or extremities, but is complicated by the need for lifelong immunosuppression. Advances in our understanding of anatomy and preoperative imaging have led to improved surgical techniques with greater reliability of the procedures. The first part of the panel will address recent advances in composite tissue transfer focusing on face transplants and upper and lower limb transplantation. The second part of the panel will update participants on advances in immunosuppression regimens that are currently used, as well as explore future potential avenues of reducing the amount of immunosuppression needed, including the induction of immune tolerance.

Introduction

Dennis P. Orgill, MD, PhD, FACS, *Boston, MA*

Update on Facial Transplantation

Bohdan Pomahac, MD, *Boston, MA*

Update on Upper Extremity Transplantation

L. Scott Levin, MD, FACS, *Philadelphia, PA*

Immunosuppression Advances and Tolerance

Gerald Brandacher, MD, *Baltimore, MD*

Advances in Immunosuppression

Maria Siemionow, MD, PhD, *Cleveland, OH**Sponsored by: Committee for the Forum on Fundamental Surgical Problems***PS305 | 8:00 - 9:30 am****Medicare's Approach to Value-Based Purchasing: Aligning ERx, PQRS, and EHR with the New Medicare Value-Based Payment Modifier***Location: Moscone West, Second Level, Room 2002/2004*

TRACK: HP

MODERATOR: Linda M. Barney, MD, FACS, *Dayton, OH*CO-MODERATOR: Christopher K. Senkowski, MD, FACS, *Savannah, GA*

Each year the Centers for Medicare & Medicaid Services (CMS) makes changes to the Physician Quality Reporting System (PQRS), and the Electronic Prescribing (eRx) Programs that will affect practitioners who are paid under Medicare Part B. In addition, the Medicare Value-Based Modifier is on the horizon and will likely impact surgical practices. Interpreting all of the new guidelines can be tricky. This session will provide an overview of the programs, the impact of the programs on surgeons, and provide further information on how to navigate the programs so that your reimbursements are accurate.

Introduction

Linda M. Barney, MD, FACS, *Dayton, OH*

Physician Quality Performance and Value-Based Payment

Linda M. Barney, MD, FACS, *Dayton, OH*

Physician Performance Profiling

Christopher K. Senkowski, MD, FACS, *Savannah, GA**Sponsored by: General Surgery Coding and Reimbursement Committee***PS306 | 8:00 - 11:15 am****Surgical Jeopardy***Location: Moscone West, Third Level, Room 3014/3016/3018*

TRACKS: RES/MED

MODERATOR: Mark W. Bowyer, MD, FACS, *Bethesda, MD*CO-MODERATOR: Afif N Kulaylat, MD, *Hummelstown, PA*CO-MODERATOR: Feibi Zheng, MD, *Houston, TX*

A total of 24 teams of two vie to score the most points in this hilariously executed game of knowledge.

Brown University - Rhode Island Hospital, Providence, RI

Saad Ajmal, MD, *Providence, RI*Sean S. Ciullo, MD, *Providence, RI*

Cleveland Clinic, Cleveland, OH

Jesse R. Gutnick, MD, *Cleveland Heights, OH*Subhash Reddy, MD, *Parma Heights, OH*

East Carolina University - Brody School of Medicine, Greenville, SC

Joseph J. Weber, MD, *Greenville, NC*Timothy W. Capps, MD, *Greenville, NC*

Easton Hospital, Easton, PA

Uchechukwu S. Ogu, MD, *Easton, PA*Nils-Tomas McBride, MD, *Easton, PA*

Gundersen Lutheran Medical Foundation, La Crosse, WI

Andrew D. Van Osdol, MD, *La Crosse, WI*Ayman Al Harakeh, *La Crosse, WI*

Harlem Hospital, New York, NY

Paritosh Suman, MD, *New York, NY*Goran Tesic, MD, *New York, NY*

Indiana University, Bloomington, IN

Suzanne M. Inchauste, MD, *Indianapolis, IN*J. Camilo Correa, MD, *New York, NY*

Inova Fairfax Hospital, Falls Church, VA

Ashley K. McCusker, *Fairfax, VA*George J. Younan, MD, *Boston, MA*

Medical College of Wisconsin - Milwaukee

Rebecca Marcus, MD, *Milwaukee, WI*Maher Abadeer, MD, *Milwaukee, WI*

Morristown Medical Center, Morristown, NJ

Lyly Nguyen, MD, *Morristown, NJ*David Pantino, MD, *Morristown, NJ*

Naval Medical Center San Diego, CA

Jacob F. Quail, MD, *San Diego, CA*Erik J. Olson, MD, *San Diego, CA*

Palisades Medical Center, North Bergen, NJ

Michael Magrino, DO, *North Bergen, NJ*Adam Bowling, DO, *Guttenberg, NJ*

Palmetto Health / University of South Carolina School of Medicine, Columbia

Ashkan Afshari, MD, *Columbia, SC*Steven J. Hermiz, MD, *Columbia, SC*

The University of Texas Health Science Center at San Antonio, San Antonio, TX

Abdul Q. Alarhayem, MD, *San Antonio, TX*Edward S. Shipper, MD, *San Antonio, TX*

University of Arkansas, Little Rock

Deidre L. Wyrick, MD, *Little Rock, AR*Lyle J. Burdine, MD, *Little Rock, AR*

University of California - San Diego

Anna C. Weiss, MD, *La Jolla, CA*Simone M. Langness, *San Diego, CA*

University of Colorado - Denver

Hunter Moore, MD, *Denver, CO*Akshay P. Chauhan, MD, *Denver, CO*

University of Kansas, Lawrence

Bruce L. Tjaden, MD, *Kansas City, MO*Antonio Lozada, MD, *Kansas City, KS*

University of New Mexico, Albuquerque

Ilitch Diaz, MD, *Albuquerque, NM*Sarah Moore, MD, *Albuquerque, NM*

University of Tennessee, Knoxville

Robert J. Jean, MD, *Ooltewah, TN*Joshua A. Worthington, MD, *Chattanooga, TN*

Walter Reed National Military Medical Center, Bethesda, MD

Emily Hathaway, MD, *Silver Spring, MD*Donald J. Lucas, MD, *Bethesda, MD*

Washington University, St. Louis, MO
 Paul M. Evans, MD, *St. Louis, MO*
 Joshua Sommovilla, MD, *St. Louis, MO*

Waterbury Hospital, Waterbury, CT
 Tiffany Ann Pierce Schatz, MD, *Waterbury, CT*
 Nathan G. LaFayette, MD, *Waterbury, CT*

West Virginia University, Morgantown
 James Bardes, MD, *Morgantown, WV*
 Jared T. Feyko, DO, *Morgantown, WV*

Sponsored by: Resident and Associate Society

PS307 | 9:45 - 11:15 am

Gastrointestinal Stromal Tumors: Update on Resection and Oncologic Management

Location: Moscone West, Third Level, Ballroom

TRACK: GEN

MODERATOR: David A. Kooby, MD, FACS, *Atlanta, GA*
 CO-MODERATOR: Charles R. Scoggins, MD, FACS, *Louisville, KY*

Gastrointestinal stromal tumors are increasingly commonly found in evaluation of abdominal symptoms and also incidentally on computed tomography (CT) scans for other reasons. Many are quite small, and there is increasing interest in minimally invasive surgical resection. What are the limits of laparoscopic resection? How large and in what locations can these be safely resected? Is the oncologic result the same as open resection? Are there tumors that should be treated with neoadjuvant therapy? These are the topics this session will address.

Introduction and Brief Biology of Gastrointestinal Stromal Tumors (GIST)

David A. Kooby, MD, FACS, *Atlanta, GA*

Existing Data on GIST Resection

Timothy M. Pawlik, MD, MPH, PhD, FACS, *Baltimore, MD*

Surgical NOTES

Lee L. Swanstrom, MD, FACS, *Portland, OR*

How Seriously Should We Take an Incidental Sub 2 cm Gastric GIST?

Chandrajit P. Raut, MD, FACS, *Boston, MA*

Sponsored by: Advisory Council for General Surgery

PS308 | 9:45 - 11:15 am

The Toughest Emergency Case I Ever Had: Learn from the Experts

Location: Moscone South, Esplanade Level, Room 307-310

TRACKS: GEN, TRA

MODERATOR: M. Timothy Nelson, MD, FACS, *Albuquerque, NM*

CO-MODERATOR: Therese M. Duane, MD, FACS, FCCM, *Richmond, VA*

Four well-respected acute care surgeons will present the toughest nontrauma emergency case they've ever had and what they did to manage the patient. The other panelists will critique and propose alternative treatment plans. Audience participation will enable

the attendees to weigh in with their thoughts on these challenging scenarios.

Introduction

M. Timothy Nelson, MD, FACS, *Albuquerque, NM*

Case Presentation

Amy J. Goldberg, MD, FACS, *Philadelphia, PA*

Case Presentation

Daniel L. Dent, MD, FACS, *San Antonio, TX*

Case Presentation

Ashley L. Slappy, MD, FACS, *Suwanee, GA*

Case Presentation

Rachael A. Callcut, MD, MSPH, *San Francisco, CA*

Sponsored by: Committee on Trauma and the Advisory Council for General Surgery

PS309 | 9:45 - 11:15 am

ACS NSQIP®: A Quality Improvement Program that Improves Outcome and Reduces Costs

Location: Moscone West, Third Level, Room 3020/3022

TRACK: GEN

MODERATOR: Pierre F. Saldinger, MD, FACS, *Flushing, NY*
 CO-MODERATOR: Sandra L. Wong, MD, FACS, *Ann Arbor, MI*

The American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®) is a powerful tool for surgical care improvement. Appropriate use and analysis of the institutional data provided by the ACS NSQIP® facilitates reduction of complications and health care costs. This panel will give practical examples on how to use the ACS NSQIP® data at the practitioner, departmental, and hospital level.

Introduction

Pierre F. Saldinger, MD, FACS, *Flushing, NY*

Using Data to Motivate Change: The ICOUGH Program

David McAneny, MD, FACS, *Boston, MA*

Checklists: Friend or Foe? How to Maintain

Compliance with New Processes

Harry T. Papaconstantinou, MD, FACS, FASCRS, *Temple, TX*

Quality improvement: Training the Next Generation

Sandra L. Wong, MD, FACS, *Ann Arbor, MI*

Sponsored by: Advisory Council for General Surgery and the Division of Research and Optimal Patient Care Surgical Research Committee

PS310 | 9:45 - 11:15 am

Lumps, Bumps, and Sarcomas: The Aftermath of the Unplanned Sarcoma Excision and How to Avoid It

Location: Moscone North, Exhibit Level, Room 134

TRACKS: ONC, ORT

MODERATOR: Ginger E. Holt, MD, FACS, *Nashville, TN*

CO-MODERATOR: Nathaniel W. Mesko, MD, *Cleveland, OH*

Quality and efficient care of sarcomas is compromised by their rarity. One third of all sarcomas are incompletely excised in an unplanned excision and then referred to a sarcoma center for further care. This incurs additional surgery for the patient, a higher risk of local recurrence, and carries a significant financial burden. This also puts the surgeon at medicolegal risk

for delay in diagnosis and preventable loss of function. This panel will consist of case-based presentations and will discuss what an unplanned excision means for the patient, the originating surgeon, and the expert surgeon—plus how to avoid an unplanned excision.

Introduction

Ginger E. Holt, MD, FACS, *Nashville, TN*

What Does an Unplanned Excision Mean for the Patient?

Ginger E. Holt, MD, FACS, *Nashville, TN*

What Does an Unplanned Excision Mean for the Doctor?

Nathaniel W. Mesko, MD, *Cleveland, OH*

Accepting Doctor/Expert

Frederick C. Eilber, MD, FACS, *Los Angeles, CA*

Case #1 Presentation and Panel Discussion

Ginger E. Holt, MD, FACS, *Nashville, TN*

Case #2 Presentation and Panel Discussion

Ginger E. Holt, MD, FACS, *Nashville, TN*

Case #3 Presentation and Panel Discussion

Ginger E. Holt, MD, FACS, *Nashville, TN*

Sponsored by: Advisory Council for Orthopaedic Surgery

PS311 | 9:45 - 11:15 am

Childhood Surgical Conditions into Adulthood: The Surgeon's Role in Long-Term Care and Transitions



Location: Moscone South, Esplanade Level, Room 305

TRACKS: GEN, PED

MODERATOR: Roshni A. Dasgupta, MD, FACS, *Cincinnati, OH*

CO-MODERATOR: Joy L. Collins, MD, FACS, *Philadelphia, PA*

This session is aimed at pediatric and adult general, colorectal, cardiac, plastic, and gynecologic surgeons. There are many congenital conditions and conditions that manifest during childhood that require the transition of care to adult providers for long-term issues. This session will explore the transition of care from pediatric to adult surgical providers. Specific conditions to be discussed include congenital heart disease, management of short gut and intestinal failure, esophageal abnormalities, as well as ovarian and gynecologic conditions. Age for transition of care and methods of transitioning care will be explored, particularly with a growing trend of children's hospitals beginning to care for older adolescent and young adult patients.

Introduction

Roshni A. Dasgupta, MD, FACS, *Cincinnati, OH*

Congenital Heart Disease: What Happens in Adulthood

Stephanie M.P.N. Fuller, MD, FACS, *Philadelphia, PA*

Esophageal Disorders: Long-Term Implications into Adulthood

Daniel von Allmen, MD, FACS, *Cincinnati, OH*

Short Gut and Intestinal Failure

Tom Jaksic, MD, PhD, FACS, *Boston, MA*

Sponsored by: Advisory Council for Pediatric Surgery

PS312 | 9:45 - 11:15 am

Transition from Medical School to Surgery Residency



Location: Moscone West, Second Level, Room 2002/2004

TRACKS: EDU, RES/MED

MODERATOR: Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*

CO-MODERATOR: Stephen C. Yang, MD, FACS, *Baltimore, MD*

The transition from medical school to surgical residency has recently come into sharp focus. Surgery residents enter training programs with variable levels of knowledge and skills. This has the potential to negatively impact patient care and yields an uneven foundation on which further surgical training needs to be built. Also, residency program directors are now required to assess the knowledge and skills of surgical residents to move them from direct to indirect supervision, based on the new requirements of the Accreditation Council for Graduate Medical Education. This panel will highlight the challenges of the transition from medical school to residency and outline the innovative curricula and programs aimed at entering surgical residents and medical students to support this transition.

Opening Comments

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*

Stephen C. Yang, MD, FACS, *Baltimore, MD*

Preparation of Medical Students for Surgery

Residency: Challenges, Opportunities, Innovations

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*

Development and Launch of ACS/APDS/ASE Resident Preparatory Curriculum

Rebecca M. Minter, MD, FACS, *Ann Arbor, MI*

Preparation of Medical Students for Surgery

Residency: A Program Director's Perspective

George A. Sarosi, MD, FACS, *Gainesville, FL*

Preparation of Medical Students for Surgery

Residency: Resident's Perspective

Sarah Carlson, MD, *Boston, MA*

Sponsored by: Division of Education and the Committee on Medical Student Education

PS313 | 9:45 - 11:15 am

Managing Debt while Starting a Practice



Location: Moscone South, Esplanade Level, Room 304/306

TRACKS: EDU, HP

MODERATOR: Rebecca C. Britt, MD, FACS, *Norfolk, VA*

CO-MODERATOR: Joseph J. DuBose, MD, FACS, *Liberty Hill, TX*

Young surgeons are faced with increasing debt loads, with the median debt of graduating medical students in 2012 approximately \$170,000. This can have a significant impact on practice choices, particularly in the era of decreasing reimbursement for health care. This panel will explore resources for debt management for young surgeons, including programs for debt reduction. It will also discuss financial management and practice management ideas.

Surgeon Reimbursement, Contract Negotiation, Income Ranges, and Revenue Sources

Joseph J. DuBose, MD, FACS, *Liberty Hill, TX*

Surgeon Debt Introduction

Joseph J. DuBose, MD, FACS, *Liberty Hill, TX*

Surgeon Reimbursement, Contract Negotiation, Income Ranges, and Revenue Sources

Allan S. Philp, MD, FACS, *Pittsburgh, PA*

Loan Repayment Strategies

Cynthia D. Downard, MD, FACS, *Louisville, KY*

Financial Management Tips for Surgeons

Charles D. Mabry, MD, FACS, *Pine Bluff, AR*

Sponsored by: Young Fellows Association and the Division of Education and the Committee on Medical Student Education

PS314 | 12:45 - 2:15 pm

Contemporary Management of Vascular Trauma

Location: Moscone West, Third Level, Ballroom

TRACKS: EDU, TRA, VAS

MODERATOR: COL. Todd E. Rasmussen, MD, FACS, *Fort Sam Houston (San Antonio), TX*

CO-MODERATOR: Michael J. Sise, MD, FACS, *San Diego, CA*

The contemporary management of vascular trauma will be addressed in this session. It will focus on civilian and rural injuries that general and trauma surgeons typically manage. Techniques for open exposure will be discussed, including discussion of intraoperative techniques to control hemorrhage as well as adjunctive procedures such as the placement and role of intravascular shunts. The role of the vascular specialist will be addressed. Diagnosis of occult trauma will be discussed in the context of the trauma center and overall algorithms of management, including modern methods of diagnosis. The role of recent military operations in the translation of trauma techniques will be addressed. A practical approach to the diagnosis and treatment of extremity and abdominal compartment syndrome will be presented.

Introduction

COL. Todd E. Rasmussen, MD, FACS, *Fort Sam Houston (San Antonio), TX*

Extremity Vascular Trauma—Tenants, Tips, and Tricks

Chris Cribari, MD, FACS, *Fort Collins, CO*

Management of Subclavian, Carotid, and Vertebral Artery Injury

Charles J. Fox, MD, FACS, *Denver, CO*

Diagnosis and Management of Blunt Aortic: Timing and Techniques

Kenji Inaba, MD, FACS, FRCSC, *Los Angeles, CA*

Why Would General and Trauma Surgeons Need to Learn Basic Endovascular Skills? How and Which Ones?

Jonathan L. Eliason, MD, FACS, *Ann Arbor, MI*

Resuscitative Aortic Occlusion for End-Stage Shock: When, Where, and How?

Megan L. Brenner, MD, FACS, *Baltimore, MD*

Rapid Vascular Trauma Case Vignettes and Questions/Answers

Sponsored by: Advisory Council for Vascular Surgery

PS315 | 12:45 - 2:15 pm

Are We Doing Too Many Mastectomies?

Location: Moscone South, Esplanade Level, Room 307-310

TRACK: GEN

MODERATOR: Leigh A. Neumayer, MD, FACS, *Tucson, AZ*

CO-MODERATOR: Kristine E. Calhoun, MD, FACS, *Seattle, WA*

This panel will discuss the recent increase in the bilateral mastectomy rate in the U.S. as it relates to the increase utilization of breast magnetic resonance imaging and other imaging techniques, the patient's personal and family history, and the media portrayal of breast cancer. It will review recent and historical literature with regard to breast conservation versus mastectomy. The literature regarding indications for contralateral prophylactic mastectomy and plastic surgery options for lumpectomy versus mastectomy, including nipple-sparing mastectomy, will also be discussed.

Introduction

Leigh A. Neumayer, MD, FACS, *Tucson, AZ*

Too Many Mastectomies? Let's Start with the Data

Cindy B. Matsen, MD, *New York City, NY*

Operating on Anxiety

Tari A. King, MD, FACS, *New York, NY*

Is There a Survival Benefit?

Isabelle Bedrosian, MD, FACS, *Houston, TX*

Is It Cost-Effective?

Judy C. Boughey, MB, BChir, FACS, *Rochester, MN*

Sponsored by: Advisory Council for General Surgery and the Advisory Council for Plastic and Maxillofacial Surgery

PS316 | 12:45 - 2:15 pm

What Happened to the General Surgeon? Is Subspecialty Training the Only Path to Survival?

Location: Moscone West, Third Level, Room 3014/3016/3018

TRACK: GEN

MODERATOR: R. Phillip Burns, MD, FACS, *Chattanooga, TN*

CO-MODERATOR: Thomas H. Cogbill, MD, FACS, *La Crosse, WI*

The role and need for general surgeons has not significantly changed over many years. However, the reimbursement as well as the status of the surgeon as a generalist has diminished in the eyes of many surgical trainees. The readiness of the recent graduate to independently practice general surgery has led to the development of the ACS Transition to Practice program. A critical review of the aspects of the general surgical training and the overall socioeconomic aspects of the care provided by the general surgeon in the current climate of health care delivery in the U.S. The future of the general surgical practitioner will be discussed.

Introduction—Why Is This Topic Relevant?

R. Phillip Burns, MD, FACS, *Chattanooga, TN*

Demographics of the Surgical Workforce: Is There a Need?

Thomas C. Ricketts III, PhD, MPH, *Chapel Hill, NC*

What Do General Surgeons Do and Where Are the Jobs?

K. Craig Kent, MD, FACS, *Madison, WI*

Challenges in Educating the General Surgeon: Reflections of a Program Director and American Board of Surgery Member

Thomas H. Cogbill, MD, FACS, *La Crosse, WI*

There Is a Strong Demand—Just Ask Me

Tyler G. Hughes, MD, FACS, *McPherson, KS*

Sponsored by: Advisory Council for General Surgery

PS317 | 12:45 - 2:15 pm

Parathyroidectomy for Primary Hyperparathyroidism

Location: Moscone North, Exhibit Level, Room 134

TRACK: GEN, OTO

MODERATOR: Nancy D. Perrier, MD, FACS, *Houston, TX*

CO-MODERATOR: Daniel W. Karakla, MD, FACS, *Norfolk, VA*

Since serum calcium levels are drawn frequently as part of routine blood work, primary hyperparathyroidism is being diagnosed more frequently and usually in relatively mild stages of the disease, including normocalcemic primary hyperparathyroidism and normal primary hyperparathyroidism (PTH). The subtleties of the workup and diagnosis of primary hyperparathyroidism, especially the milder forms, can be challenging and the indications to offer an operation continue to broaden. Furthermore, the imaging options to localize hyperfunctioning glands (sestamibi, ultrasound, computed tomography, single photon emission computed tomography (SPECT), magnetic resonance imaging, and intraoperative strategies to identify the often elusive offending gland [for example, intraoperative PTH monitoring, venous sampling for PTH]) continue to increase but with added costs to our health care system. This multidisciplinary session will address each of these topics.

Introduction

Nancy D. Perrier, MD, FACS, *Houston, TX*

Updated Consensus Guidelines for Surgical Intervention of PHPT

Sally E. Carty, MD, FACS, *Pittsburgh, PA*

Guidelines vs. Gospel

David C. Lieb, MD, FACE, *Norfolk, VA*

Outpatient PHPT Surgery: Readmissions and Risks

Daniel W. Karakla, MD, FACS, *Norfolk, VA*

Predictors of Developing Tertiary HPT

Jyotirmay Sharma, MD, FACS, *Atlanta, GA*

Sponsored by: Advisory Council for General Surgery and the Advisory Council for Otolaryngology–Head and Neck Surgery

PS318 | 12:45 - 2:15 pm

Clinical Practice Guidelines for Postoperative Delirium

Location: Moscone South, Esplanade Level, Room 304/306

TRACKS: GER, NEU, TRA

MODERATOR: Thomas N. Robinson, MD, FACS, *Aurora, CO*

CO-MODERATOR: Sharon K. Inouye, MD, MPH, *Boston, MA*

Postoperative delirium is the most common complication in older adults following major operations. With an aging patient population, improving the ability of surgeons to diagnose, prevent, and treat postoperative delirium is imperative. The American Geriatrics Society is creating clinical practice guidelines on postoperative delirium which has a planned completion date in the fall of 2014. This session will disseminate the postoperative delirium clinical practice guidelines, which are currently being developed. The topics to be covered in this session include: (1) risk factors for postoperative delirium; (2) preventing postoperative delirium; (3) diagnosing postoperative delirium; and (4) managing postoperative delirium.

Introduction—Development of the American Geriatrics Society and American College of Surgeons Postoperative Delirium Guidelines

Thomas N. Robinson, MD, FACS, *Aurora, CO*

Clinical Guidelines: Intraoperative Strategies to Prevent Intraoperative Delirium

Jacqueline Leung, MD, *San Francisco, CA*

Clinical Guidelines: Nonpharmacologic Prevention and Treatment of Postoperative Delirium

Sharon K. Inouye, MD, MPH, *Boston, MA*

Clinical Guidelines: Pharmacologic Treatment of Postoperative Delirium

Mark R. Katlic, MD, FACS, *Baltimore, MD*

Sponsored by: Task Force on Geriatric Surgery

PS319 | 12:45 - 2:15 pm

Little Kids with Big Injuries

Location: Moscone West, Second Level, Room 2002/2004

TRACKS: PED, TRA

MODERATOR: Robert T. Maxson, MD, FACS, *Little Rock, AR*

CO-MODERATOR: Mary E. Fallat, MD, FACS, *Louisville, KY*

Injury is the predominant cause of death and disability in children. Children differ from adults in terms of injury pattern, anatomy, and physiology, and these differences have important implications in how providers evaluate and care for injured children. This session will address issues in the contemporary management of pediatric trauma.

Introduction

Robert T. Maxson, MD, FACS, *Little Rock, AR*

Pediatric Ingestions

Barbara A. Gaines, MD, FACS, *Pittsburgh, PA*

Vascular Injuries in Children

Robert D. Barraco, MD, FACS, *Allentown, PA*

Evaluation and Treatment of Patients with Abuse
Katherine J. Deans, MD, FACS, *New Albany, OH*

Sponsored by: Committee on Trauma and the Advisory Council for Pediatric Surgery

PS320 | 12:45 - 4:00 pm

The ACS International Scholars and Travelers 2014 
Location: Moscone West, Second Level, Room 2005/2007

TRACK: INT

MODERATOR: Graham T. Layer, MA(Oxon), DM, MCh, FACS, FRCS, FRCSEd, *Guildford, U.K.*

CO-MODERATOR: Alberto R. Ferreres, MD, PhD, JD, MPH, FACS, *Buenos Aires, Argentina*

The College's International Scholars and Traveling Fellows will present briefly on a topic relating to their practice or research in their home country, providing the North American and international audience with fresh insights into the art and science of surgery in other parts of the world.

Capacity Building for Trauma Care in India: Status of Trauma Life Support Courses and Future Directions
Subodh Kumar, MB, BS FACS, *New Delhi, India*

Pedunculated Gastric Conduit Interposition with Duodenal Transection after Esophagectomy: An Option for Increasing the Flexibility of the Gastric Conduit
Yoshifumi Baba, MD, *Chuo-ku, Kumamoto City, Japan*

Endoscopy Findings in Patients Presenting to Minimal Access Therapy and Operative Endoscopy Unit of Tamale Teaching Hospital in Northern Ghana
Stephen Tabiri, *Tamale, Ghana*

Detection of Increased Association of the ERG Oncoprotein Expression in Advanced Stages of Prostate Cancer Among Filipinos Using a Novel ERG Monoclonal Antibody
Maria Eliza M. Raymundo, MD, *Quezon City, Philippines*

Head and Neck Cancer Reconstruction in Taiwan: An Overview and Update
Huang-Kai Kao, *Taoyuan, Taiwan*

Pediatric Surgery in a French Overseas Territory: Implications for Patient Recruitment, Research, and International Cooperation
Luke Harper, *Canyonville, OR*

Progression of Thoracic Aortic Aneurysms and Non-Small Cell Lung Cancer Are Sharing a Common Molecular Pathway
Ioannis K. Toumpoulis, *Athens, Greece*

Hungarian Games in Surgery—Daily Routine and Ongoing Researches in a County Hospital
Dezso Toth, *Debrecen, Hungary*

Three-Dimensional Printing in Surgical Simulation
Benjamin W. Turney, *Oxford, U.K.*

Gallbladder Cancer: Indian Scenario
Mallika Tewari, *Mariehamn, Finland*

Augmented Wnt Signaling as a Therapeutic Tool to Prevent Ischemia and Reperfusion Injury in Liver: Preclinical Studies in a Mouse Model
Nadja Lehwald, *Dusseldorf, Germany*

Minimally Invasive Liver Surgery
Roland S. Croner, MD, FACS, *Erlangen, Germany*

Use of PTFE Ring for Partial Substitution of the Extrahepatic Main Bile Duct
Fernando Bonilla, *Montevideo, Uruguay*

Indication of Living Donor Liver Transplantation for Hepatocellular Carcinoma: From the View Point of Japan

Keishi Sugimachi, MD, PhD, *Beppu, Japan*

Resource Optimization in Laparoscopy: Reduce, Reuse, Recycle

Rajeev Kumar, MB, BS, MS, MCh, *New Delhi, India*

Portal Vein Tumor Thrombosis of Hepatocellular Carcinoma: Lesson from Long Survival Patients
Jiang Tao Li, *Hangzhou, China*

Gastro Intestinal Stromal Tumor: Between Hesitation and Decision
Stermann Toussaint, *Delmas, Haiti*

Endovascular Techniques in Severe Trauma
Carl Wahlgren, *Stockholm, Sweden*

Delivering Quality in Surgical Cancer Care an International Perspective
Alexander G. Heriot, *Melbourne, Australia*

Discussion

Sponsored by: International Relations Committee

PS321 | 2:30 - 4:00 pm

A Night on Call in the Surgical Intensive Care Unit (ICU): Case Panel

Location: Moscone West, Third Level, Ballroom

TRACKS: GEN, TRA

MODERATOR: Kenji Inaba, MD, FACS, FRCSC, *Los Angeles, CA*

CO-MODERATOR: Patrick M. Reilly, MD, FACS, FCCP, *Philadelphia, PA*

This session will focus on challenging but practical real-life cases presented to a panel of critical care experts. Each of these cases will be centered around common problems that are associated with a diagnostic dilemma or treatment decision. Topics will include both complex surgical and nonsurgical issues which may arise in the surgical ICU setting. The experts were selected carefully based on their experience in dealing with these problems. Practical take-home messages, tips, and tricks will be offered for each of the cases.

Introduction

Kenji Inaba, MD, FACS, FRCSC, *Los Angeles, CA*

Case Presentation

Samuel A. Tisherman, MD, FACS, *Pittsburgh, PA*

Case Presentation

Michael C. Chang, MD, FACS, *Winston-Salem, NC*

Case Presentation

Carlos V. R. Brown, MD, FACS, *Austin, TX*

Case Presentation

Ali Salim, MD, FACS, *Los Angeles, CA*

Sponsored by: Committee on Trauma



PS322 | 2:30 - 4:00 pm

Preoperative Staging and Treatment of Resectable Pancreatic Adenocarcinoma*Location: Moscone South, Esplanade Level, Room 307-310*

TRACKS: GEN, ONC

MODERATOR: Selwyn M. Vickers, MD, FACS, *Minneapolis, MN*CO-MODERATOR: Kenneth W. Sharp, MD, FACS, *Nashville, TN*

Neoadjuvant therapy delivered to patients with T4M0 lesions offers the only hope for significant prolongation of survival and potential long-term survival. Its application to these patients is now standard of care. The application of neoadjuvant therapy for resectable disease, however, is controversial. How should clinical staging be accomplished? Which patients with resectable disease should get neoadjuvant therapy? What chemotherapy regimen should be employed? Should radiation therapy be routinely used as neoadjuvant therapy or only in selected patients? These are topics that will be discussed in this panel session.

IntroductionSelwyn M. Vickers, MD, FACS, *Minneapolis, MN***Adjuvant or Neoadjuvant Therapy for Pancreatic Cancer: Does It Really Matter?**Andrew M. Lowy, MD, FACS, *La Jolla, CA***Practical and Theoretical Advantages of Preoperative Therapy for Resectable Pancreatic**Matthew H.G. Katz, MD, *Houston, TX***Surgery First—A Preferred Alternative to Neoadjuvant Therapy for Pancreatic Cancer**Alexander S. Rosemurgy, MD, FACS, *Tampa, FL**Sponsored by: Advisory Council for General Surgery*

PS323 | 2:30 - 4:00 pm

The Hospital Says You Are an “Expensive” Surgeon: What’s Next?*Location: Moscone North, Exhibit Level, Room 134*

TRACKS: GEN, HP

MODERATOR: William W. Hurd, MD, FACS, *Cleveland, OH*CO-MODERATOR: Robert R. Lorenz, MD, FACS, *Cleveland, OH*

The cost of the services you deliver is more dependent on the utilization of resources your care consumes, than on the cost of your professional services. In today’s age of cost-reduction, hospitals have taken on the operational risk of resource utilization (length of stay, implant cost, ancillary testing use), but the decision-making process is still in the surgeons’ hands. What data does the hospital have on your utilization, and is it accurate? How are short-term costs weighed against long-term outcomes? And how can you work in concert with the hospital to provide safe and effective care, while being a good steward of resources? Presenters in this panel session have firsthand experience, and will discuss the industry frontier in utilization management.

**Introduction**William W. Hurd, MD, FACS, *Cleveland, OH***Yes, You Are Expensive! And We Have the Data to Show You**Robert R. Lorenz, MD, FACS, *Cleveland, OH***Association Between Occurrence of a Postoperative Complication and Readmission: Implications for Quality Improvement and Cost Savings**Clifford Y. Ko, MD, MS, MSHS, FACS, FASCRS, *Chicago, IL***The Surgeon-Patient Relationship and the Ethics of Efficiency**Peter Angelos, MD, PhD, FACS, *Chicago, IL**Sponsored by: Advisory Councils for the Surgical Specialties*

PS324 | 2:30 - 4:00 pm

Head Injury in the Polytrauma**Patient: How Can We Make It Better?***Location: Moscone West, Third Level, Room 3014/3016/3018*

TRACKS: NEU, TRA

MODERATOR: Shelly D. Timmons, MD, PhD, FACS, FAANS, *Danville, PA*CO-MODERATOR: Ziad C. Sifri, MD, FACS, *Newark, NJ*

Patients sustaining polytrauma are some of the most difficult patients to care for; they have the highest mortality and the highest complication rates. The multidisciplinary approach to these patients can present some challenges in providing a delicate balance of priorities to maximize outcomes. This panel session will focus on the evidence and algorithms for the care of the polytrauma patient with head injury. It will review the current head injury standards and address whether this has changed outcomes. This session will also help attendees prioritize the critical steps in care in the hyperacute phase and in the acute phase of injury.

IntroductionShelly D. Timmons, MD, PhD, FACS, FAANS, *Danville, PA***Management of Pediatric Polytrauma Patients**Christian J. Streck, MD, FACS, *Mount Pleasant, SC***Timing of Non-Neurosurgical Operations and Anticoagulation in Polytrauma Patients**Shelly D. Timmons, MD, PhD, FACS, FAANS, *Danville, PA***Neuromonitoring and Management of Critical Care Issues in the Polytrauma Patient**Geoffrey T. Manley, MD, PhD, FACS, *San Francisco, CA**Sponsored by: Committee on Trauma and the Advisory Council for Neurological Surgery*

PS325 | 2:30 - 4:00 pm

Preserving Reproductive Function in Adolescents and Young Adults after Cancer and Surgery*Location: Moscone South, Exhibit Level, Room 102*

TRACKS: CRS, PED, URO



MODERATOR: Margaret Shnorhavorian, MD, FACS, *Seattle, WA*

CO-MODERATOR: Tonia M. Young-Fadok, MD, FACS, FASCRS, *Phoenix, AZ*

The management of a variety of childhood disorders including congenital, cancer, and trauma may cause loss of reproductive function. This panel session will discuss optimal treatment of undescended testis, chemotherapy, and traumatic loss of gametes, and strategies to enhance fertility preservation in adolescents and young adults.

Introduction

Margaret Shnorhavorian, MD, FACS

Optimal Treatment of Undescended Testes: The New American Urological Association Guidelines

Margaret Shnorhavorian, MD, FACS, *Seattle, WA*

Long-term Fertility Outcomes in Childhood Cancer Survivors

Jennifer Levine, MD, MSW, *New York, NY*

Pediatric and Adolescent Fertility Preservation Strategies

Jill P. Ginsberg, MD, *Philadelphia, PA*

Surgical Preservation of Female Fertility

Tonia M. Young-Fadok, MD, FACS, FASCRS, *Phoenix, AZ*

Establishing a Fertility Preservation Program

Leah Kroon, RN, *Seattle, WA*

Sponsored by: Advisory Council for Colon and Rectal Surgery and Advisory Council for Urology

PS326 | 2:30 - 4:00 pm

Gaming in Patient Care and Surgical Education  

Location: Moscone South, Esplanade Level, Room 304/306

TRACKS: EDU, RES/MED

MODERATOR: Melina C. Vassiliou, MD, MEd, FACS, *Montreal, QC*

CO-MODERATOR: Christopher M. Schlachta, MD, FACS, *London, ON*

Content-specific games that integrate material and allow for interaction and goal achievement have been associated with increased motivation, learning, and retention in education. This session will explore how gamification, using a variety of media, can be used in many different ways and settings to enhance and individualize the surgical education experience. Simple principles and strategies underlying game creation will be outlined, and the myth that games are only for fun, frivolous, or inappropriate activity will be debunked. Games have been successfully used to bring people together to solve real-world problems in creative and unique ways. In the digital, fast-paced world of today, games have a real role to play in education, performance evaluation tracking, and team work.

Introduction

Melina C. Vassiliou, MD, MEd, FACS, *Montreal, QC*

Game Engines in Virtual Reality for Surgeons

Richard Boyd, *Chapel Hill, NC*

Gaming as a Platform to Teach and Assess Clinical Decision Making

Dana T. Lin, MD, *Stanford, CA*

Video Games Can Change the Face of Health Care

James C. Rosser, Jr., MD, FACS, *Spring, TX*

Sponsored by: Committee on Emerging Surgical Technology and Education

PS327 | 2:30 - 4:00 pm

Cultural Competency  

Location: Moscone West, Second Level, Room 2002/2004

TRACKS: GEN, RES/MED

MODERATOR: Juan J. Nogueras, MD, FACS, *Weston, FL*

CO-MODERATOR: Amelia C. Grover, MD, FACS, *Richmond, VA*

The population of the U.S. is becoming increasingly diverse. Racial and ethnic differences have been associated with disparities in health care. Anthony Charles, MD, MPH, FACS, and colleagues published an article titled Cultural Competency: Why Surgeons Should Care in the March 2012 *Bulletin*. The authors discuss the evolution of cultural competency. More than 40 percent of our population are members of a minority group. Immigrants bring with them an array of linguistic, cultural, political, and religious backgrounds. Health care providers need to understand these characteristics in order to provide the highest quality of care.

Introduction

Juan J. Nogueras MD, FACS, *Weston, FL*

Cultural Competency: Why Surgeons Should Care

Anthony G. Charles, MD, MPH, FACS, *Chapel Hill, NC*

Incorporating Cultural Competency Education in a General Surgical Curriculum

Maria Chun, *Honolulu, HI*

Incorporating Cultural Competency in the Culture of an Organization



James I. Merlino, MD, FACS, *Richfield, OH*

Cultural Competency: Legal Issues for Surgeons

Ronald L. Copeland, MD, FACS, *Alameda, CA*

Sponsored by: Committee on Diversity Issues

PS328 | 4:15 - 5:45 pm

Melanoma in 2014: What Does the Surgeon Need to Know?  

Location: Moscone West, Third Level, Ballroom

TRACKS: GEN, OTO

MODERATOR: Jeffrey E. Gershenwald, MD, FACS, *Houston, TX*

CO-MODERATOR: David R. Byrd, MD, FACS, *Seattle, WA*

This panel will discuss the current literature and individual patient factors that a surgeon needs to take into account for both melanoma and melanoma in situ. The width and margins needed based on tumor size, depth, and location as well as the role of sentinel node and whether to perform a regional lymphadenectomy in the setting of nodal microme-

tastasis will be discussed. Surgical decision making and techniques for addressing recurrent melanoma will be reviewed as well as hyperthermic isolated limb perfusion and how it can translate to the treatment of truncal melanoma. The molecular genetics and immunology of melanoma will also be discussed in relationship to biologic therapy combined with targeted drug therapy.

Introduction

Jeffrey E. Gershenwald, MD, FACS, *Houston, TX*

Vignette #1

Merrick I. Ross, MD, FACS, *Houston, TX*

Vignette #2

Mark B. Faries, MD, FACS, *Santa Monica, CA*

Vignette #3

Keith A. Delman, MD, FACS, *Atlanta, GA*

Sponsored by: Advisory Council for General Surgery and Commission on Cancer

PS329 | 4:15 - 5:45 pm

Multi-Organ Pelvic Trauma: Current Management

Location: Moscone South, Esplanade Level, Room 307-310

TRACKS: GEN, TRA, URO

MODERATOR: David V. Feliciano, MD, FACS, *Indianapolis, IN*

CO-MODERATOR: Jack W. McAninch, MD, FACS, *San Francisco, CA*

This multidisciplinary session will focus on the management of multi-organ pelvic trauma. Both blunt and penetrating trauma to the pelvis usually involve multiple organ systems: gastrointestinal, genitourinary, gynecologic, orthopaedic, vascular, neurologic, and soft tissue. Appropriate management involves recognition of the most life-threatening injury with appropriate operative and/or interventional therapy, diagnosis of secondary injuries, and appropriate sequencing of management when the most complex injuries are present, especially those involving open fractures.

Introduction

David V. Feliciano, MD, FACS, *Indianapolis, IN*

Hypotension and Pelvic Vascular Crises

David V. Feliciano, MD, FACS, *Indianapolis, IN*

Management of Bladder and Urethral Injuries

Benjamin Newell Breyer, MD, MAS, *San Francisco, CA*

Who Needs a Fecal Diversion with Pelvic Injuries?

H. Gill Cryer, MD, FACS, *Los Angeles, CA*

I Can Fix a Pelvis in 10 Minutes. Can You?

Amir Matityahu, MD, *San Francisco, CA*

Sponsored by: Advisory Councils for the Surgical Specialties

PS330 | 4:15 - 5:45 pm

Airway Emergencies for the General Surgeon

Location: Moscone North, Exhibit Level, Room 135

TRACKS: GEN, OTO, TRA

MODERATOR: Paul W. Flint, MD, FACS, *Portland, OR*

CO-MODERATOR: Lynette Mark, MD, *Baltimore, MD*

Emergency airway loss is an immediate life-threatening emergency. For most surgeons, the rarity of this complication makes this a particularly challenging but real clinical situation. Several approaches to acute airway loss will be provided by this dynamic set of speakers, designed for the practicing surgeon with limited emergency airway experience. The spectrum of airway devices including the laryngeal mask airway (LMA), Combitube, King Airway, and exchange catheters will be reviewed. The role of video laryngoscopy and both percutaneous and open surgical airways will also be reviewed using a multimedia rich series of expert presentations.

Introduction

Paul W. Flint, MD, FACS, *Portland, OR*

Team Approach to Airway Management

Lynette Mark, MD, *Baltimore, MD*

New Technology for Airway Management

Carin Hagberg, MD, *Houston, TX*

Airway Management: Basics for the General Surgeon

Jennifer M. Watters, MD, FACS, *Portland, OR*

Lessons from the Battlefield: Airway Casualties and Preparedness

Robert L. Mabry, MD, *Fort Sam Houston (San Antonio), TX*

Sponsored by: Committee on Trauma

PS331 | 4:15 - 5:45 pm

Metabolic Surgery: Current State of the Role of Surgery in the Treatment of Type 2 Diabetes Mellitus

Location: Moscone West, Third Level, Room 3014/3016/3018

TRACKS: GEN

MODERATOR: William B. Inabnet III, MD, FACS, *New York, NY*

CO-MODERATOR: Sayeed Ikramuddin, MD, FACS, *Minneapolis, MN*

This panel session will review the current status of the role of gastrointestinal surgery in treating type 2 diabetes mellitus. A comprehensive review of current issues will be discussed, including pathophysiology, effectiveness, and outcomes. A public health and cost analysis will also be covered.

Introduction

William B. Inabnet III, MD, FACS, *New York, NY*

Overview of Metabolic Procedures for Treating Type-2 Diabetes

Aurora D. Pryor, MD, FACS, *Stony Brook, NY*

Pathophysiology of Type 2 Diabetes

William B. Inabnet III, MD, FACS, *New York, NY*

Durability and Recidivism

Daniel B. Leslie, MD, *Minneapolis, MN*

Patient Selection and Choice of Procedure

Manish S. Parikh, MD, FACS, *New York, NY*

Novel Procedures

Guilherme M. Campos, MD, FACS, *Madison, WI*

Sponsored by: Advisory Council for General Surgery

PS332 | 4:15 - 5:45 pm

Family Planning Issues in Residency and Beyond



Location: Moscone North, Exhibit Level, Room 130-131

TRACK: RES/MED

MODERATOR: Lillian M. Erdahl, MD, *Rochester, MN*

CO-MODERATOR: Juliet Emamaullee, MD, *Decatur, GA*

A career in surgery requires significantly longer training than in other medical specialties. Individuals pursuing a career in surgery may wish to have a family during training for several reasons, including concern about complications associated with advanced maternal age. In this session, risks of pregnancy during residency will be explored including the possibility of increased peripartum complications and fetal growth restriction. Issues related to the impact of pregnancy and childbirth on colleagues and schedules will also be explored. Speakers will explore mechanisms by which residencies and program directors can optimally support residents who choose to plan families during training while preserving the educational mission for all residents, including those who choose not to have children during training.

Introduction

Lillian M. Erdahl, MD, *Rochester, MN*

Choosing Whether to Have a Family

Aaron R. Jensen, MD, *Los Angeles, CA*

Pregnancy in Surgical Residency and Career

Lori B. Lerner, MD, *West Roxbury, MA*

Maternity/Paternity Leave

Keith A. Delman, MD, FACS, *Atlanta, GA*

Returning to Work

Leigh A. Neumayer, MD, FACS, *Tucson, AZ*

Balancing Career and Family

Julie A. Freischlag, MD, FACS, *Sacramento, CA*

Sponsored by: Committee on Resident Education and the Women in Surgery Committee

PS333 | 4:15 - 5:45 pm

Innovation and Invention in Surgery: From Concept to Market



Location: Moscone West, Second Level, Room 2002/2004

TRACK: EDU

MODERATOR: T. Forcht Dag, MD, DMedSc, MPH, MTS, FACS, FAANS, FCCM, FRCSEd, *Newton Centre, MA*

CO-MODERATOR: Raphael Bueno, MD, FACS, *Boston, MA*

This session will outline the process of developing, protecting, funding, and commercializing innovations and inventions in surgery, including clinical trials design, regulatory strategies, market-sizing, and exit planning. The session is an adaptation of material taught in the Biomedical Entrepreneurship Program of the Harvard MIT Program in Health Sciences and Technology at Harvard Business School. Learning

objectives include recognition and formulation of market opportunities; developing business plans; obtaining funding; market-sizing; intellectual property, regulatory and reimbursement strategies; prototyping; cost engineering; revenue models; clinical trials; management of conflicts of interest; company formation and governance, including boards and advisors; strategic industry partnerships; distribution models; and exit strategies.

Introduction

Raphael Bueno, MD, FACS, *Boston, MA*

Invention and Innovation in Surgery: From Concept to Market

T. Forcht Dag, MD, DMedSc, MPH, MTS, FACS, FAANS, FCCM, FRCSEd, *Newton Centre, MA*

Sponsored by: Committee on Perioperative Care

PS334 | 4:15 - 5:45 pm

High-Risk Perioperative Patient Populations: Avoiding Adverse Events



Location: Moscone South, Esplanade Level, Room 304/306

TRACKS: GEN, GER, TRA

MODERATOR: William Chien Chen Chiu, MD, FACS, *Baltimore, MD*

CO-MODERATOR: Douglas J. E. Schuerer, MD, FACS, *St. Louis, MO*

Several high-risk patient populations present unique challenges to the general surgeon and surgical intensivist. Understanding these specific conditions is critical for mitigating the potential risks of an adverse outcome. The specific high-risk populations to be discussed during this session are: the cirrhotic patient; the immune compromised patient; those with bleeding dyscrasias; the elderly; the obese; those with limited pulmonary reserve; and the pregnant patient. Practical pitfalls and strategies for optimizing outcomes in these patients will be discussed.

Introduction

William Chien-Chen Chiu, MD, FACS, *Baltimore, MD*

The Cirrhotic Patient

Nathaniel McQuay, MD, FACS, *Owings Mills, MD*

The Immune Compromised Patient

Therese M. Duane, MD, FACS, FCCM, *Richmond, VA*

The Obese Patient

Robert N. Cooney, MD, FACS, *Syracuse, NY*

The Pregnant Patient

John Joseph Como, MD, FACS, *Cleveland, OH*

The Elderly Patient

Douglas J. E. Schuerer, MD, FACS, *St. Louis, MO*

Sponsored by: Committee on Trauma and the Committee on Perioperative Care

PS335 | 4:15 - 5:45 pm

Controversies Over the Extent of Surgery and Treatment for Well-Differentiated Thyroid Cancer



Location: Moscone North, Exhibit Level, Room 134

TRACKS: GEN, ONC, OTO

MODERATOR: Julie A. Sosa, MD, FACS, *Durham, NC*
 CO-MODERATOR: Ashok R. Shaha, MD, FACS, *New York, NY*

The optimal management of well-differentiated thyroid carcinoma remains hotly debated, largely because of the excellent survival for the majority of patients and the lack of prospective, randomized, controlled trial results. This multidisciplinary session will be run as a tumor board, with the moderators presenting five challenging cases that highlight controversies in management. The panel will consist of five surgeons and one endocrinologist. The audience will be invited to ask questions at the end of each case. Debate will include discussion about: (1) the extent of thyroidectomy (lobectomy versus total thyroidectomy); (2) prophylactic central neck dissection (pro versus con); (3) use of molecular tests for determining best treatment strategy; (4) optimal management of thyroid microcarcinomas; and (5) timing of reoperation for recurrent disease.

Introduction

Julie A. Sosa, MD, FACS, *Durham, NC*

Case #1: When Should Prophylactic Central Neck Dissection Be Performed: Always, Sometimes, or Never?

Case #2: Is Thyroid Lobectomy Too Little, or Is Total Thyroidectomy Too Much?

Case #3: Management of the Thyroid Microcarcinoma: How Much Surgery Is Needed?

Case #4: How Are Molecular Markers Such as BRAF V600E Mutation Best Used for Treatment Decision-Making?

Case #5: What is the Best Management Strategy for Small Cancer Recurrences in a Remedial Surgical Bed? And a Related Question: Should a Prophylactic Central Neck Dissection Be Performed at the Time of a Contralateral Completion Thyroidectomy?

PANELISTS:

Elizabeth G. Grubbs, MD, FACS, *Houston, TX*
 Geoffrey B. Thompson, MD, FACS, *Rochester, MN*
 Jeffrey F. Moley, MD, FACS, *St. Louis, MO*
 Chienying Liu, MD, *San Francisco, CA*

Sponsored by: Advisory Council for General Surgery and Advisory Council for Otolaryngology Head & Neck Surgery

Thursday, October 30

PS400 | 8:00 - 9:30 am

Ten Hot Topics in General Surgery

Location: Moscone South, Esplanade Level, Room 307-310

TRACK: GEN

MODERATOR: E. Christopher Ellison, MD, FACS, *Columbus, OH*

CO-MODERATOR: Kenneth W. Sharp, MD, FACS, *Nashville, TN*

In this popular session, the panelists will review ten of the hottest topics in general surgery.

Introduction

E. Christopher Ellison, MD, FACS, *Columbus, OH*

Laparoscopic Inguinal Hernia Repair Is Superior to Open Repair

Jeffrey W. Hazey, MD, FACS, *Columbus, OH*

Open Inguinal Hernia Repair Is Superior to Laparoscopic Repair

Michael D. Holzman, MD, FACS, *Nashville, TN*

Surgical Outcomes and Patient Satisfaction

K. Craig Kent, MD, FACS, *Madison, WI*

Observation of Intraductal Papillary Mucinous Neoplasms: Why, When, and How?

Stephen W. Behrman, MD, FACS, *Memphis, TN*

Indications for Neoadjuvant Therapy in Breast Cancer

Laurel C. Soot, MD, FACS, *Portland, OR*

Fluid and Blood Product Replacement: Optimal Ratios in Massive Transfusion

Lena M. Napolitano, MD, FACS, FCCP, FCCM, *Ann Arbor, MI*

Sports Hernia: Recognition and Treatment

John B. Hanks, MD, FACS, *Charlottesville, VA*

Hemorrhoids: New Gimmicks and Gadgets

Jaime Lynne Bohl, MD, *New Orleans, LA*

Extent of Surgery For Small Papillary Carcinoma of the Thyroid

Julie A. Sosa, MD, FACS, *Durham, NC*

Should Surgery be Performed in Image Negative Asymptomatic Hyperparathyroidism?

Quan Yang Duh, MD, FACS, *San Francisco, CA*

Sponsored by: Advisory Council for General Surgery

PS401 | 8:00 - 9:30 am

Controversies in Surgical Oncology

Location: Moscone South, Esplanade Level, Room 304/306

TRACK: ONC

MODERATOR: David J. Winchester, MD, FACS, *Evanston, IL*

CO-MODERATOR: Bridget N. Fahy, MD, FACS, *Albuquerque, NM*

The care of cancer patients is important to all surgeons. As such, advances in cancer research have resulted in significant improvements in patient outcomes. The general surgeon needs to be aware of current advances in cancer management, understand their role in the multidisciplinary management of cancer patients, and be able to describe the controversies in surgical management of patients with cancer. The goal of this session is to expose the audience to experts in surgical oncology who will present the latest evidence-based findings in key areas of ongoing controversy in surgical oncology. Topics covered include: (1) the role of surgery in the management of ductal carcinoma in situ (DCIS); (2) neoadjuvant therapy for pancreatic cancer; and (3) total mesorectal excision for colorectal cancer.

Introduction

David J. Winchester, MD, FACS, *Evanston, IL*



The Role of Surgery in the Management of Ductal Carcinoma in Situ

Helen A. Pass, MD, FACS, *Bronxville, NY*

Neoadjuvant Therapy for Pancreatic Cancer

Matthew H. G. Katz, MD, *Houston, TX*

Total Mesorectal Excision for Colorectal Cancer

Heidi Nelson, MD, FACS, *Rochester, MN*

Sponsored by: Commission on Cancer

PS402 | 8:00 - 9:30 am

Current State of Endovascular Thoracic Aortic and Aortic Valve Technology

Location: Moscone North, Exhibit Level, Room 132-133

TRACKS: CTS, GEN, VAS

MODERATOR: Michael J. Reardon, MD, FACS, *Houston, TX*
CO-MODERATOR: Edward Y. Woo, MD, FACS, *Philadelphia, PA*

Stenting of thoracic aortic disease is rapidly accelerating in penetrance as a primary treatment option for many patients. New technology on the horizon may even reduce the need for accompanying debranching techniques as off-the-shelf total percutaneous arch reconstruction is developed. Working prototypes are already in trials. Similarly, percutaneous valve technology is now firmly embedded in Europe as a treatment option for many patients with aortic valve disease. In the U.S., penetration of this technology is not as wide spread, but large trials are finishing or completed. It is clear that it will become more widely adopted. This session looks at how these techniques may radically change the approach to thoracic aortic disease from the valve proximally to the bifurcation of the abdominal aorta distally.

Introduction

Michael J. Reardon, MD, FACS, *Houston, TX*

Current Status of Thoracic Endovascular Aortic Repair in Treating Thoracic Aortic Disease

Thomas G. Gleason, MD, FACS, *Pittsburgh, PA*

Will Stent Grafting Move to Uncomplicated Type B Dissections?

Jean Bismuth, MD, FACS, *Houston, TX*

Current Status of Branched Thoracic Endografts

Raghavaveer Vallabhanen, MD, *Chapel Hill, NC*

Current Status of Self-Expandable Transcatheter Aortic Valve Replacement in the U.S.

Michael J. Reardon, MD, FACS, *Houston, TX*

Future Directions of Transcatheter Aortic Valve Replacement in the U.S.

Eric L. Savin, MD, *Atlanta, GA*

Sponsored by: Advisory Councils for the Surgical Specialties and Advisory Council for Vascular Surgery

PS403 | 8:00 - 9:30 am

Robotics for General Surgeons: What's Proven, What's Not

Location: Moscone North, Exhibit Level, Room 134

TRACK: GEN



MODERATOR: Alessio Pigazzi, MD, PhD, FACS, *Orange, CA*
CO-MODERATOR: Pier C. Giulianotti, MD, FACS, *Chicago, IL*

This session will review robotics in general surgery, in order to identify what's proven and what's not. The largest worldwide robotic experiences in hepatobiliary and pancreatic, bariatric, upper gastrointestinal, colorectal, endocrine, and thoracic surgery will be thoroughly examined and compared with the published literature, and global standards. Short- and long-term outcomes, costs, and organizational issues will be extensively discussed. At the end, participants should have a better understanding of the role of robotics in general surgery.

Introduction

Alessio Pigazzi, MD, PhD, FACS, *Orange, CA*

Robotic Foregut Surgery

Erik B. Wilson, MD, FACS, *Houston, TX*

Cost Benefits in Robotic General Surgery

Elisabeth C. McLemore, MD, FACS, FASCRS, *La Jolla, CA*

Robotic Colorectal Surgery

Joseph E. Martz, MD, FACS, *New York, NY*

Single Incision Robotic Surgery Is It Worth It?

Anthony M. Gonzalez, MD, FACS, *Miami, FL*

Robotic Endocrine Surgery

Eren Berber, MD, FACS, *Cleveland, OH*

Sponsored by: Committee on Emerging Surgical Technology and Education and the Advisory Council for Urology

PS404 | 8:00 - 9:30 am

Management of Complications in Mandible Fracture Treatment

Location: Moscone South, Esplanade Level, Room 303

TRACKS: GEN, OTO, PLA

MODERATOR: George M. Kushner, DMD, MD, FACS, *Louisville, KY*

CO-MODERATOR: Leonard B. Kaban, MD, FACS, *Boston, MA*

The mandible is a commonly fractured facial bone that is multifunctional and often presents with a high complication rate from treatment. This panel session will review common treatment methods and various complications that are encountered by surgeons. Controversies in treatment will be discussed by the panel. Treatment algorithms to manage mandible fracture complications will be presented. This session will be valuable to all surgeons providing care in the maxillofacial region, including otolaryngology, plastic and reconstructive surgeons, in addition to oral and maxillofacial surgeons.

Introduction

George M. Kushner, DMD, MD, FACS, *Louisville, KY*

Overview of Complications

David B. Powers, DMD, MD, FACS, *Durham, NC*

Complications of Mandible Fractures in the Pediatric Patient

Leonard B. Kaban, MD, FACS, *Boston, MA*



Tips for Preventing Complications

Alan S. Herford, MD, FACS, *Loma Linda, CA*

*Sponsored by: the American College of Surgeons
Section on Oral and Maxillofacial Surgery*

PS405 | 8:00 - 9:30 am

Surgical Critical Care Workforce: 2014 and Beyond

Location: Moscone South, Exhibit Level, Room 102

TRACKS: EDU, TRA

MODERATOR: Lena M. Napolitano, MD, FACS, FCCP, FCCM, *Ann Arbor, MI*

CO-MODERATOR: Carlos V. R. Brown, MD, FACS, *Austin, TX*

This session is designed to provide a snapshot of the current status of the U.S. critical care workforce and training programs. The state of our current fellowship training system, future projections and changing trends within this field will also be reviewed. The impact of acute care surgery training programs on these numbers and lessons learned from the medical critical care community will be discussed. The potential benefits and drawbacks of the integration of emergency medicine-based critical care specialists will also be included. The impact and role of mid-level providers and the eICU will be discussed.

Introduction

Lena M. Napolitano, MD, FACS, FCCP, FCCM, *Ann Arbor, MI*

Current Surgical Critical Care Workforce Issues

Lena M. Napolitano, MD, FACS, FCCP, FCCM, *Ann Arbor, MI*

Current Surgical Critical Care Workforce Issues

Carlos V. R. Brown, MD, FACS, *Austin, TX*

Surgical Critical Care Workforce: Are All Intensivists Created Equal?

Fred A. Luchette, MD, MSc, FACS, *Chicago, IL*

Surgical Critical Care Training for Emergency Physicians

Samuel A. Tisherman, MD, FACS, *Pittsburgh, PA*

Advance Practice Providers in Surgical Critical Care

Timothy G. Buchman, MD, FACS, *Atlanta, GA*

Surgical Trainees (Fellows and Residents) in Surgical Critical Care

Heidi L. Frankel, MD, FACS, *Pasadena, CA*

Sponsored by: Committee on Trauma

PS412 | 8:00 - 9:30 am

At the Tipping Point: A Decade of High-Impact Research from Jacobson Promising Investigator Awardees

Location: Moscone South, Esplanade Level, Room 305

TRACKS: BTR, GEN

MODERATOR: Kamal M. F. Itani, MD, FACS, *West Roxbury, MA*

CO-MODERATOR: Gail E. Besner, MD, FACS, *Columbus, OH*

This multidisciplinary panel will provide insight into the background of the Jacobson Promising Investiga-

tor Award and Dr. and Mrs. Jacobson's vision when they endowed this award through the American College of Surgeons. Investigators who have received this award over the past ten years will share how the award impacted their research and their career. Panelists will provide a synopsis of their current research in various disciplines including pediatric surgery, surgical oncology, transplant, surgical outcomes, vascular surgery, and how it has evolved since receipt of the award.

Introduction

Kamal M. F. Itani, MD, FACS, *West Roxbury, MA*
Gail E. Besner, MD, FACS, *Columbus, OH*

Reparative and Regenerative Medicine

Michael T. Longaker, MD, FACS, *Stanford, CA*

Evolution of Carbon Monoxide from Foe to Friend

Edith Tzeng, MD, FACS, *Pittsburgh, PA*

Developing a Treatment for Parenteral Nutrition Associated Liver Disease

Mark Puder, MD, FACS, *Boston, MA*

The Development of an Improved Vascular Graft for Use in Congenital Heart Surgery

Christopher K. Breuer, MD, FACS, *New Haven, CT*

Primum Non Nocere: Are We Harming Living Donors?

Dorri L. Segev, MD, FACS, *Baltimore, MD*

What's Next in Surgical Quality Improvement?

Justin B. Dimick, MD, MPH, FACS, *Ann Arbor, MI*

The Maternal Immune Response to Fetal Surgery

Tippi C. MacKenzie, MD, FACS, *San Francisco, CA*

Translating Basic Science to Clinical Therapeutics for Breast Cancer

Jacqueline S. Jeruss, MD, PhD, FACS, *Chicago, IL*

Novel Resuscitative Strategies

Carrie A. Sims, MD, FACS, *Philadelphia, PA*

Sponsored by: Surgical Research Committee

PS406 | 9:45 - 11:15 am

What's New in Advocacy and Health Policy: Top Ten Advances in the Past Year

Location: Moscone South, Exhibit Level, Room 102

TRACK: HP

MODERATOR: Robert R. Lorenz, MD, FACS, *Cleveland, OH*
CO-MODERATOR: Naveen F. Sangji, MD, *Boston, MA*

Introduction

Robert R. Lorenz, MD, FACS, *Cleveland, OH*

Market Forces Moving Providers to Take on Risk for Outcomes

David Lansky, PhD, *San Francisco, CA*

Meeting the Demand for Meaningful Outcome Measures

Caleb Stowell, MD, *Cambridge, MA*

The College's Approach to Health Policy in 2014

Frank G. Opelka, MD, FACS, *Washington, DC*

*Sponsored by: Health Policy and the Advocacy Group
Program Committee*

PS407 | 9:45 - 11:15 am**Laparoscopic Gastroesophageal Junction Surgery: Still Indicated After All These Years?***Location: Moscone North, Exhibit Level, Room 134*

TRACK: CTS, GEN

MODERATOR: W. Scott Melvin, MD, FACS, *Bronx, NY*CO-MODERATOR: James D. Luketich, MD, FACS, *Pittsburgh, PA*

This panel will explore the outcomes of laparoscopic gastroesophageal junction surgery. What are the indications for each procedure, and are the procedures efficacious? Will we be doing surgery for these conditions in the next ten years?

IntroductionW. Scott Melvin, MD, FACS, *Bronx, NY***Medical Therapy for Gastroesophageal Reflux Disease**Kevin Reavis, MD, FACS, *Portland, OR***Has Heller Myotomy Been Replaced by POEM (Peroral Endoscopic Myotomy) for Achalasia?**Eric S. Hungness, MD, FACS, *Chicago, IL***Surgery of the Gastroesophageal Junction in the Obese Patient**Diego R. Camacho, MD, FACS, *Bronx, NY*

Sponsored by: Advisory Council for Cardiothoracic Surgery and the Advisory Council for General Surgery

PS408 | 9:45 - 11:15 am**The Great Work/Life Debates***Location: Moscone North, Exhibit Level, Room 132-133*

TRACK: EDU

MODERATOR: Heena P. Santry, MD, FACS, *Worcester, MA*CO-MODERATOR: Danielle A. Katz, MD, FACS, *East Syracuse, NY*

Surgical careers often have unintended consequences on personal well-being and family life. While numerous resources for self-help, time management, child rearing, and individual wellness are available today, these resources often do not resonate well with surgeons whose lifestyles preclude utilization of even the most simple tools to achieve work/life balance. The debate format will feature surgeons presenting the pros and cons of various approaches to sustaining one's personal life outside surgery. Issues debated will range from the practical concerns of who lets in the plumber through options for personal well-being including choosing life-partners.

IntroductionHeena P. Santry, MD, FACS, *Worcester, MA***I Couldn't Live Without My Nanny**Daniela Molena, MD, FACS, *Baltimore, MD***Nannies Can't Substitute for the Diversity and Interaction of Daycare**Rachel L. Farkas, MD, *Rochester, NY***Of Course You Can Have Children**Rebecca C. Britt, MD, FACS, *Norfolk, VA***Children Are Overrated**Annesley W. Copeland, MD, FACS, *Washington, DC***Surgeon Spouses Are the Best**Susan E. Rowell, MD, FACS, *Portland, OR***Pairing Up Surgeons Is a Lifestyle Nightmare**Mukta V. Katdare, MD, *Chicago, IL*

Sponsored by: Women in Surgery Committee

PS409 | 9:45 - 11:15 am**Ultrasound for Surgeons***Location: Moscone South, Esplanade Level, Room 307-310*

TRACKS: GEN, OTO

MODERATOR: Robert A. Sofferman, MD, FACS, *Burlington, VT*CO-MODERATOR: Heidi L. Frankel, MD, FACS, *Pasadena, CA*

Ultrasound technology has improved substantially in the past decade with a resolution capability rivaling that of computed tomography scanning. Ultrasound units have become smaller and quite portable along with a significant reduction in cost. More importantly, the absence of radiation exposure augments its appeal for imaging pediatric patients, in addition to lessening the anxieties of those who believe the cumulative effects of X rays produce significant health risks. While ultrasound has become integrated into many surgical training programs, there are still questions regarding its use in various areas. This panel will focus on the multiple uses of ultrasound by surgeons; fasciotomy and surgical tenotomy (FAST), Echocardiography (ECHO), thyroid/parathyroid, breast and vascular imaging, as well as general abdominal and biliary applications.

IntroductionRobert A. Sofferman, MD, FACS, *Burlington, VT***Application of Ultrasound in the Critical Care Setting**Heidi L. Frankel, MD, FACS, *Pasadena, CA***Application of Ultrasound in Abdominal and Hepato Biliary Conditions**Ellen J. Hagopian, MD, FACS, *Neptune, NJ***Application of Ultrasound in Vascular Surgery**Robert E. Zierler, MD, FACS, *Seattle, WA***Application of Ultrasound in Pediatric Surgery**Stefan Scholz, MD, FACS, FAAP, *Pittsburgh, PA***Application of Ultrasound in Breast Surgery**Darius S. Francescatti, MD, FACS, *Chicago, IL***Application of Ultrasound in Head and Neck Surgery**Russell B. Smith, MD, FACS, *Omaha, NE***Current and Future Innovations in Ultrasound**Scott A. Dulchavsky, MD, FACS, *Detroit, MI***Accreditation of Point-of-Care Ultrasound**Robert A. Sofferman, MD, FACS, *Burlington, VT*

Sponsored by: National Ultrasound Faculty

PS410 | 9:45 - 11:15 am

How Can I Get Credentialed for Something I've Never Done Before?*Location: Moscone North, Exhibit Level, Room 130-131*

TRACK: EDU

MODERATOR: Barbara L. Bass, MD, FACS, *Houston, TX*CO-MODERATOR: Steven C. Stain, MD, FACS, *Albany, NY*

This session will address strategies and opportunities for practicing surgeons to acquire skills in new procedures and technologies throughout their professional careers. Panelists will address verification of skills in simulated environments, as well as issues relating to credentialing and privileging. Perspectives of surgical educators, regulating bodies, and national organizations will be presented. Recent advances in this field, future opportunities, and the role of ACS Division of Education will be addressed.

IntroductionBarbara L. Bass, MD, FACS, *Houston, TX*

Statement of the Issue: Principles and Current Models for Privileging in New Procedures

Barbara L. Bass, MD, FACS, *Houston, TX*

How Different Is that Procedure from What We Taught You During Residency? Incremental Versus Transformative Retooling

Steven C. Stain, MD, FACS, *Albany, NY*

Application of Simulation for Training and Privileging in New Technologies and Procedures

Brian J. Dunkin, MD, FACS, *Houston, TX*

It's Not Just You: Preparing Your Operating Room Team for New Technologies and Procedures

Anthony D. Whittemore, MD, FACS, *Boston, MA*

Sponsored by: Committee on Emerging Surgical Technology and Education and the Advisory Councils for the Surgical Specialties

PS411 | 9:45 - 11:15 am

Better Outcomes through Preoperative Optimization: Getting Your Patients Strong for Surgery*Location: Moscone South, Esplanade Level, Room 304/306*

TRACKS: GEN, HP

MODERATOR: David R. Flum, MD, MPH, FACS, *Seattle, WA*CO-MODERATOR: Carlos A. Pellegrini, MD, FACS, FRCSI(Hon), *Seattle, WA*

A patient's risk of negative outcomes is often predetermined based on their risk characteristics, but also potentially modifiable in the days and weeks leading up to an operation. While much of the focus of quality initiatives is on in hospital care, surgeons also have an opportunity to reduce complications by a standardized approach to patient optimization before hospitalization. The evidence related to preoperative optimization related to cigarette cessation, nutrition, medication management, and glucose homeostasis will be reviewed and attendees given step-by-step approaches to implementing effective office-based risk-reducing strategies. The session will introduce

the ACS supported Strong for Surgery initiative, a program that brings presurgery checklists to surgeons' offices to improve clinical outcomes and keep them ahead of the quality initiative curve.

IntroductionDavid R. Flum, MD, MPH, FACS, *Seattle, WA*

Opportunity for Surgeons in Optimizing Preoperative Health: An Introduction to the Strong for Surgery Concept and Big Strokes Program

Carlos A. Pellegrini, MD, FACS, FRCSI(Hon), *Seattle, WA*

Optimization Targets the Evidence: Immunonutrition

Robert G. Martindale, MD, PhD, FACS, *Portland, OR*

Optimization Targets the Evidence: Diabetes and Pre-Diabetes Screening

Walter J. Pories, MD, FACS, *Greenville, NC*

Optimization Targets the Evidence: Functional Status

Michael J. Englesbe, MD, *Ann Arbor, MI*

Optimization Targets the Evidence: Smoking

Fergal Fleming, MD, *Rochester, NY*

Success Stories: Plastics, Bariatrics, S4S in WA

Thomas K. Varghese, Jr., MD, FACS, *Seattle, WA*

Sponsored by: Surgical Research Committee

PS413 | 9:45 - 11:15 am

Hepatic Resection for Metastatic Colorectal Cancer*Location: Moscone South, Esplanade Level, Room 303*

TRACKS: CRS, ONC

MODERATOR: Michael I. D'Angelica, MD, FACS, *New York, NY*CO-MODERATOR: Bryan M. Clary, MD, FACS, *Durham, NC*

This session will focus on the surgical treatment of metastatic colorectal cancer confined to the liver. We will present unique perspectives as seen from the medical oncologist and colorectal surgeon. The experts in this session will present on the role of transplantation for this disease as a group who has recently performed these operations. Lastly, the role of converting unresectable patients to complete resection will be presented. Our goal is to provide a complete update on this common surgical problem and discuss unique perspectives with relevance to the surgical community.

IntroductionMichael I. D'Angelica, MD, FACS, *New York, NY*

Transplantation for Metastatic Colorectal Cancer: Really?

Svein Dueland, MD, PhD, *Oslo, Norway*

Downstaging with Systemic or Regional Chemotherapy: Is Resection Really the Goal?

Paul J. Karanicolas, MD, PhD, *New York, NY*

Management of Synchronous Rectal Cancer with Resectable Liver Metastases: Perspective of the Colorectal Surgeon

Martin R. Weiser, MD, FACS, *New York, NY*

Sponsored by: Program Committee and the Advisory Council for Colon and Rectal Surgery

Abstract Sessions

The following sessions represent the four abstract programs, including Scientific Papers (SP), Scientific Poster Presentations (PP), Surgical Forum (SF), and Video-Based Education (VE).

Scientific Papers (SP)

The Scientific Papers is a forum of more than 100 paper abstracts presenting research in areas across the spectrum of surgical practice.

Sponsored by: Program Committee

Alphabetical Index to Scientific Papers

Bariatric Surgery	105
Cardiothoracic Surgery	112
Colon and Rectal Surgery I	108
Endocrine	105
General Surgery I; Miscellaneous	107
General Surgery II; Obstetric and Gynecology	113
Liver/Biliary Tract/Pancreas I	106
Liver/Biliary Tract/Pancreas II; Trauma Surgery II	112
Pediatric Surgery	112
Plastics and Maxillofacial Surgery; Orthopaedic Surgery	111
Quality, Outcomes and Costs I; Surgical Humanitarian Outreach I	106
Quality, Outcomes, and Costs II; Surgical Humanitarian Outreach II	108
Quality, Outcomes, and Costs III; Surgical Humanitarian Outreach III	111
Surgical Education; Geriatric	108
Surgical Oncology I	107
Surgical Oncology II	111
Transplantation	109
Trauma Surgery I; Neurosurgery	109
Urology; Perioperative	110
Vascular Surgery	110

Monday, October 27

SP01 | 9:45 - 11:15 am

Bariatric Surgery

Location: Moscone South, Esplanade Level, Room 302

TRACK: GEN

MODERATOR: Richard D. Stahl, MD, FACS, *Birmingham, AL*

Benefits of Bariatric Surgery Do Not Reach Obese Men

Hans F. Fuchs, MD; Ryan C. Broderick, MD; Cristina R. Harnsberger, MD; David C. Chang, PhD, MPH, MBA; Bryan J. Sandler, MD, FACS; Garth R. Jacobsen, MD, FACS; Santiago Horgan, MD, FACS. *University of California, San Diego, CA*

Biliary Complications following Biliopancreatic Diversion with Duodenal Switch

Moaz Abulfaraj, MD, FRCSC; Gintaras Antanavicius; Mary C. Naglak, PhD, RD. *Abington Memorial Hospital, PA*

Concurrent Cholecystectomy at the Time of Laparoscopic Gastric Bypass Does Not Increase Short-Term Morbidity, Mortality, or Length of Stay

Byron F. Santos, MD; Konstantinos Spaniolas, MD; Thadeus Trus, MD. *Dartmouth Hitchcock Medical Center, Lebanon, NH*

National Prevalence, Causes, and Risk Factors for Bariatric Surgery Readmissions

John M. Morton, MD, MPH; Trit Garg; Ulysses S. Rosas; Dan Azagury, MD; Homero Rivas, MD, MBA, FACS. *Stanford University, CA*

Reduction of Surgical Site Infections after Laparoscopic Gastric Bypass with Circular Stapled Gastrojejunostomy

Patrick J. Shabino, MD; Ryan Schmock, MD; Michael J. Nabozny, MD; Anuoluwapo F. Elegbede, MD; Mohammad J. Khoraki, MB, BS; Luke M. Funk, MD; Jacob A. Greenberg, MD, FACS; Guilherme M. Campos, MD, FACS. *University of Wisconsin, Madison*

Single Anastomosis Duodeno-Ileal Bypass with Sleeve Gastrectomy: Mid-Term Results of a Novel Technique Compared with Laparoscopic Gastric Bypass

Emmy Arrue Del Cid, MD; Andres Sanchez Per-naute, MD, PhD; Esther Sanchez Lopez, MD; Patricia Saez Carlin; Elia Perez Aguirre, MD, PhD; Miguel Angel Rubio; Antonio J. Torres, PhD, FACS. *Hospital Clinico San Carlos, Madrid, Spain*

Utilization and Outcomes of Laparoscopic Sleeve Gastrectomy vs. Laparoscopic Gastric Bypass: Analysis of the ACS NSQIP®

Monica T. Young, MD; Alana Gebhart; Michael J. Phelan, PhD; Ninh T. Nguyen, MD, FACS. *University of California Irvine Medical Center, Orange, CA*

SP02 | 11:30 am - 1:00 pm

Endocrine

Location: Moscone North, Exhibit Level, Room 123

TRACK: GEN

CO-MODERATOR: Jacob Moalem, MD, FACS, *Rochester, NY*

CO-MODERATOR: Jennifer E. Rosen, MD, FACS, *Boston, MA*

Do Preoperative Imaging Features Predict Surgical Complications of Carotid Body Tumors?

David Straughan, MD; Vladimir K. Neychev, MD; Samira M. Sadowski, MD; Ryan J. Ellis; Nicholas Patronas; Electron Kebebew, MD, FACS; Naris Nilubol. *National Cancer Institute, Bethesda, MD*

Follicular Variant of Papillary Thyroid Carcinoma in the Pediatric Population

Jonathan H. Lerner; Melanie R. Goldfarb, MD, FACS. *University of Southern California, Los Angeles*

Limited Parathyroidectomy in Multiple Endocrine Neoplasia Type 1 Associated Primary Hyperparathyroidism: A Set-Up for Failure

Naris Nilubol, MD; Lee S. Weinstein; William F. Simonds; Steven K. Libutti, MD, FACS; Stephen Marx;

Electron Kebebew, MD, FACS. *National Cancer Institute, Bethesda, MD*

Parathyroidectomy Outcomes in Normocalcemic Primary Hyperparathyroidism

Carlos R. Alvarez-Allende, MD; Annette M. Pascual Marrero, MD, MPH; Cesar A. Castillo; William Mendez-Latalladi, MD, FACS. *University of Puerto Rico, San Juan*

Quality of Life in Patients Treated for Cushing's Syndrome

Vardan Papoian, MD, MPH; Beverly M.K. Biller, MD; Karen K. Campbell; Richard A. Hodin, MD; Susan M. Webb; Roy Phitayakorn, MD. *Boston University, MA*

Regional Lymph Node Metastasis: What Does It Tell Us about Adrenocortical Carcinoma?

Kun-Tai Hsu, MD; Rebecca S. Sippel, MD; Herbert Chen, MD; David F. Schneider, MD. *University of Wisconsin, Madison*

The Utility of Thyrotropin Receptor Messenger RNA Detection in Patients with Papillary Thyroid Microcarcinoma

Altay Aliyev, MD; Cem C. Dural, MD; Muhammet Akyuz, MD; Manjula K. Gupta, PhD; Betul Hatipoglu, MD; Christian Nasr, MD; Mira Milas, MD; Allan Siperstein, MD; Eren Berber, MD, FACS. *Cleveland Clinic Foundation, OH*

SP03 | 11:30 am - 1:00 pm

Liver/Biliary Tract/Pancreas I

Location: Moscone South, Esplanade Level, Room 303

TRACK: GEN

CO-MODERATOR: Katherine A. Morgan, MD, FACS, *Charleston, SC*

CO-MODERATOR: David A. Kooby, MD, FACS, *Atlanta, GA*

A Retrospective Comparative Study of the Transcystic and Transcholedochal Approach to Laparoscopic Bile Duct Exploration

Tarig Abdelrahman, BM, MRCS; Alexander Ward; Michael R. Nutt, FRCS; Tamsin H. Boyce, FRCS; Ashraf M. Rasheed, FACS. *Royal Gwent Hospital, Newport, U.K.*

Outcomes of Pylorus-Preserving vs. Conventional Whipples' Pancreatico-Duodenectomy: Insights from the ACS NSQIP®

Jad Abou Khalil; Sinziana A. Dumitra, MD; Jeffrey S. Barkun, MD, FACS; Prosanto K. Chaudhury, MD, FACS, FRCSC. *McGill University, Montreal, QC*

Performance Evaluation of Complication Management: Assessing the Severity of Clinically Relevant Fistula following Pancreatoduodenectomy

Matthew T. McMillan; Sameer Soi; Pancreatic Fistula Study Group; Charles M. Vollmer, Jr., MD, FACS. *University of Pennsylvania, Philadelphia*

Seventy-Six Consecutive Cases of Middle Segmental Pancreatectomy

Jiang Kuirong; Miao Yi, MD, PhD. *The First Affiliated Hospital of Nanjing Medical University, China.*

Short-Term Matrix Metalloproteinase Inhibition Results in Decreased Mortality during Hepatic Ischemia and Reperfusion in Mice with Hepatosteatosis

Prathima Nandivada, MD; Melissa I. Chang, MD; Amy Pan; Sarah J. Carlson, MD; Alison A. O'Loughlin; Eileen Cowan, MD; Mark Puder, MD, FACS. *Boston Children's Hospital, MA*

Total Pancreatectomy for Pancreatic Ductal Adenocarcinoma: Review of the National Cancer Data Base

W. Cory Johnston, MD; Helena M. Hoen; Maria A. Cassera; Pippa H. Newell, MD; Ronald F. Wolf, MD, FACS; Paul D. Hansen, MD, FACS; Chet W. Hammill, MD. *Providence Cancer Center, Hood River, OR*

Variations in Medical Oncology Utilization Practices by Pancreatic Cancer Patients in a Single-Payor Health Care System

Scott M. Hurton, MD; Geoffrey Porter, MD; Michele Molinari, MD. *Dalhousie University, Halifax, NS*

SP04 | 2:30 - 4:00 pm

Quality, Outcomes, and Costs I; Surgical Humanitarian Outreach I

Location: Moscone South, Esplanade Level, Room 302

TRACK: EDU

CO-MODERATOR: Jeannette M. Capella, MD, FACS, *Hollidaysburg, PA*

CO-MODERATOR: Joshua M. V. Mammen, MD, PhD, FACS, *Kansas City, KS*

Implementation of a Successful Pressure Ulcer Prevention (PUP) Program in a Tertiary Care Hospital

Umar H. Choudry, MB, BS, FACS; Mary M. Murphy, RN, CWOCN. *Minneapolis VA Medical Center, MN*

Increased Risk of Postoperative Ileus with Excess Fluid on the Day of Colon Surgery: Results from 524 Hospitals in the U.S.

Julie K. Thacker, MD, FACS; William K. Mountford, PhD; Monty Mythen, MD; Michelle R. Kruk; Frank R. Ernst, PharmD. *Premier Healthcare Alliance, Charlotte, NC*

Large-Scale, System-Wide Success with an ACCOUNTing Process to Eliminate Surgical Sponge Retention

Verna C. Gibbs, MD, FACS. *San Francisco VA Medical Center, CA*

Overutilization of Computerized Tomography in the Diagnosis of Appendicitis: Identifying Avoidable Costs and Radiation Exposure

Adam Dougherty, MD, MPH; Abimbola Olusanya; Vijay P. Khatri, MBChB, FACS. *University of California-Davis, Sacramento, CA*

Team-Based Approach to Foregut Surgery Optimizes Operative Times and Decreases Operating Room Costs

Francis P. Buckley III, MD, FACS; Hannah Vassaur; Meghan Woody, MPH; Daniel C. Jupiter, PhD. *Scott and White Healthcare, Georgetown, TX*

The Impact of Bleeding and Blood Transfusion on the Outcome of Elective Surgery

Jennifer W. Harris, MD; Jeremiah T. Martin, MB, BCh, FRCSI; Angela Mahan, MD; Siby P. Saha, MD, MBA; Victor A. Ferraris, MD, FACS. *University of Kentucky, Lexington*

Treatment of Foreign Pediatric Patients with Chronic Burn Wounds with a Delayed Closure Protocol

Philip H. Chang, MD, FACS. *Shriners Hospitals for Children, Boston, MA*

SP05 | 4:15 - 5:45 pm

Surgical Oncology I

Location: Moscone West, Second Level, Room 2001

TRACK: ONC

CO-MODERATOR: Nipun B. Merchant, MD, FACS, *Nashville, TN*

CO-MODERATOR: Timothy M. Pawlik, MD, MPH, PhD, FACS, *Baltimore, MD*

Biomarker Correlation to Clinical Response in a Phase II Trial of the HER2 Peptide Vaccine (AE37+GMCSF)

Erika Schneble, DO; John S. Berry IV, MD; Timothy J. Vreeland, MD; Alfred F. Trappey; Guy T. Clifton, MD; Sathibalan Ponniah, PhD; Sonia Perez, PhD; Michael Papamichail, MD, PhD; George E. Peoples, MD; Elizabeth A. Mittendorf, MD, PhD, FACS. *San Antonio Military Medical Center, TX*

Breast Cancer Shared Decision-Making Project

Victoria Serpico, NP; Amy Liepert, MD; Leigh A. Neumayer, MD, FACS. *University of Utah/Huntsman Cancer Institute, Salt Lake City*

Is Sentinel Lymph Node Biopsy (SLNB) Routinely Needed for Breast Cancers $\leq 5\text{mm}$?

Megan Lundgren, MD; Melissa Lazar, MD; Theodore Tsangaris, MD, FACS; Anne Rosenberg, MD, FACS; Massimo Cristofanilli, MD; Adam C. Berger, MD, FACS. *Thomas Jefferson University, Philadelphia, PA*

Population-Based Study of Regional Disease and Overall Survival in Patients with Thin Melanoma Using the National Cancer Data Base

Ayana Allard-Picou, MD; James T. Dove; Halle B. Ellison, MD; Marie A. Hunsinger, RN; Nicole Woll, PhD; Mohsen Shabahang, MD, FACS; Joseph A. Blansfield, MD, FACS. *Geisinger Medical Center, Danville, PA*

The FACS Trial: Randomized Trial of Follow-Up after Colorectal Cancer Surgery and Outcome following Recurrence

Sian A. Pugh, MRCS; Alice Fuller; Rafael Perera, DPhil; Steve George, MD, FRCP; David Mant, FRCP, FRCGP, FMedSci; John Primrose, MD, FACS. *University of Southampton, U.K.*

The Incidence of Multicentric Recurrence after Liver Resection for Hepatocellular Carcinoma: A Matched Case-Controlled Study of HCC Arising from Normal Liver and Diseased Liver

Kazunari Sasaki, MD; Masamichi Matsuda; Masaji Hashimoto; Goro Watanabe. *Toranomon Hospital, Tokyo, Japan*

Tuesday, October 28

SP06 | 8:00 - 9:30 am

General Surgery I; Miscellaneous

Location: Moscone South, Esplanade Level, Room 305

TRACK: GEN

MODERATOR: John H. Stewart, MD, FACS, *Winston-Salem, NC*

A Novel Anti-Scar Peptide for Cutaneous Wound Repair

Zhong Zheng, PhD; Omar Velasco, MD; Greg Chung; Maxwell Murphy; Kambiz Khalilinejad; Andrew T. Ngo; Jean Shen; Xinli Zhang; Kang Ting, DMEDSC; Chia Soo, MD, FACS. *University of California, Los Angeles*

An International, Multicenter, Randomized, Single-Blind, Controlled Trial of a Dry-Powder, Fibrin Sealant for Mild to Moderate Perioperative Surgical Bleeding

Grant Bochicchio, MD, MPH; Neil Singla; NavYash Gupta, MD, FACS; Robert Porter, MD, PhD; Kenneth L. Renkens, MD, FACS; Piet Pattyn, MD, PhD; Baki Topal, MD, PhD; Ian Chetter, MB, ChB, MD; Paul Frohna, MD, PhD, PharmD; Finish-3 Investigators. *Washington University Hospital, St. Louis, MO*

Appendicitis in the Elderly Patient Population

Reza Kermani, MD; Kristan Staudenmayer, MS, FACS; Jennifer M. Gurney, MD, FACS; David A. Spain, MD, FACS. *Stanford University Medical Center, CA*

Diabetes Mellitus in Patients Presenting with Adhesive Small Bowel Obstruction: Delaying Surgical Intervention Results in Worse Outcomes

Efstathios Karamanos, MD; Scott A. Dulchavsky, MD, FACS; Elizabeth Beale, MD; Kenji Inaba, MD, FACS; Demetrios Demetriades, MD, FACS. *University of Southern California, Los Angeles*

Influencing Factors for Port-Site Incisional Hernia after Single-Incision Laparoscopy

Francis P. Buckley III, MD, FACS; Hannah Vassaur; Daniel C. Jupiter, PhD; Joshua Crosby; Caleb J. Wheelless; John Vassaur. *Scott and White Health-care, Georgetown, TX*

Modified NASA Workload Tool Identifies Physical and Cognitive Surgeon Workload for Laparoscopic Procedures

Amani O. Mohamed, MB, BS; Juliane Bingener, MD, FACS; Bethany R. Lowndes; Andrea L. McConico, CVT; Susan Hallbeck, PhD. *Mayo Clinic, Rochester, MN*

Nursing Home Status Is an Independent Predictor of Adverse Outcomes after Common Non-Emergent Inpatient Surgical Procedures

Mario D. Caldararo; David E. Stein, MD, FACS; Juan L. Poggio, MD, FACS, FASCRS. *Drexel University, Philadelphia, PA*

SP07 | 9:45 - 11:15 am

Colon and Rectal Surgery I*Location: Moscone South, Esplanade Level, Room 305*

TRACK: CRS

CO-MODERATOR: Arden M. Morris, MD, FACS, FASCRS, *Ann Arbor, MI*CO-MODERATOR: Jan Rakinic, MD, FACS, *Springfield, IL***A Randomized Phase III Trial of Skin Closure by Subcuticular Suture vs. Skin Stapler to Prevent Incisional Surgical Site Infection after Elective Colorectal Cancer Surgery: Results of the Subcuticular Suture against Infection (SSI) Study**Tomohiro Yamaguchi, MD, PhD; Masanori Kotake; Norio Saito; Yoshihiro Moriya; Shinya Kusachi; Yoshiro Kubo; Masayuki Ohue; Koki Otsuka, MD; Toshihiko Sato; Takeharu Yamanaka. *Shizuoka Cancer Center Hospital, Sunto-gun, Japan***Comparison of Open, Laparoscopic, and Robotic Colectomy Using a Large National Database: Outcomes and Trends Related to Surgery Center Volume**Heather L. Yeo, MD; Abby Isaacs; Jeffrey Milsom; Art Sedrakyan, MD, PhD. *Cornell University, New York, NY***Neoadjuvant Chemoradiation for Rectal Cancer Based on Preoperative Magnetic Resonance Imaging: Interim Analysis of the German OCUM Trial (NCT01325649)**Martin E. Kreis, MD, FACS; Reinhard Ruppert, MD; Henry Ptok, MD; Joachim Strassburg, MD, FRCS; Christoph A. Maurer, MD; Theodor T. Junginger, MD; Susanne Markel, MD; Paul Hermanek, MD. *Charité University Medicine, Berlin, Germany***Preoperative and Pathologic Assessment in Neoadjuvant Setting for Rectal Cancer: The Experience of COMRE GROUP**Stefano Scabini, MD; Edoardo Rimini; Emanuele Romairone; Luca Mastracci; Federica Grillo, MD; Almalina Bacigalupo; Ciro Marrone; Roberto Murialdo, MD; Gabriele Zoppoli; Alberto Ballestrero. *IRCCS Azienda Ospedaliera Universitaria San Martino – IST, Genoa, Italy***Procalcitonin Reveals Early Dehiscence in Colorectal Surgery: the PREDICS Study**Valentina Giaccaglia, MD; Pier Federico Salvi; Maria Serena Antonelli, MD; Giuseppe R. Nigri, MD, PhD, FACS, FRCS, FASCRS; Francesco Corcione, MD; Felice Pirozzi, MD; Nicolò de Manzini, MD, FRCS; Biagio Casagrande, MD; Genoveffa Balducci, MD; Vincenzo Ziparo, MD. *Sant'Andrea Hospital Sapienza Rome University, Italy***Recurrent Diverticulitis after Successful Percutaneous Drainage of Diverticular-Associated Abscess: What Are the Chances of Recurrence after Nonoperative Management?**Tarek K. Jalouta, MD; Nezar Jrebi, MD; Ryan Figg, MD; Rebecca Hoedema; Donald G. Kim, MD; Heather Slay, MD; Nadav Dujovny, MD; Martin A. Luchtefeld, MD; James W. Ogilvie, MD. *Spectrum Health System, Grand Rapids, MI*

SP08 | 12:45 - 2:15 pm

Surgical Education; Geriatric*Location: Moscone South, Esplanade Level, Room 303*

TRACKS: EDU, GER

CO-MODERATOR: Michael E. Zenilman, MD, FACS, *Bethesda, MD*CO-MODERATOR: Hilary A. Sanfey, MB, BCh, MHPE, FACS, *Springfield, IL***Assessing Surgical Training: A Utility Analysis of the Advanced Surgical Skills for Exposure in Trauma Course**Stacy A. Shackelford, MD, FACS; Evan Garofalo, PhD; Megan Holmes; Konstantinos Kalpakis, PhD; Sharon M. Henry, MD, FACS; Colin Mackenzie, MB, ChB; Mark W. Bowyer, MD, FACS. *University Of Maryland Medical System, Baltimore, MD***Eye of the Beholder? A Prospective Study Examining the Correlation Between Patients' and Surgeons' Subjective Assessment of Surgical Frailty**Daniel J. Canter, MD; Louis Revenig; Ken Ogan; David A. Kooby, MD, FACS; Shishir Maithel, MD, FACS; John F. Sweeney; Juan M. Sarmiento, MD, FACS; Yuan Liu; Sungjin Kim; Viraj A. Master. *Fox Chase Cancer Center/Urologic Institute of SE Pennsylvania, Elkins Park***Ideal Timing of Fundamentals of Laparoscopic Surgery in Resident Training**Timothy M. Rankin, MD; Julia Samame, MD; Angelika C. Gruessner, PhD; Carlos A. Galvani, MD. *University of Arizona, Tucson***Reducing Iatrogenic Pneumothorax (PSI-06) Central Line Placement at a Community Teaching Hospital Background**Rod Grim; Carolyn M. Parma, MD; Emily R. Faulks, MD; Virginia S. Wesner, MPA; Vanita Ahuja, MD, FACS. *WellSpan Health Emig Research Center, York, PA***Resident Readiness for Independence: An Analysis of Intraoperative Error Management in a Simulated Setting**Carla M. Pugh, MD, PhD, FACS; Elaine R. Cohen; Katherine E. Law; Anne-Lise Maag, MD; Jacob A. Greenberg, MD, FACS; Thomas Yen, PhD; Caprice C. Greenberg, MD, MPH, FACS; Douglas Wiegmann, PhD. *University of Wisconsin School, Madison***Using Crowd-Assessment to Support Surgical Training in the Developing World**Lee W. White, PhD; Thomas S. Lendvay, MD, FACS; Daniel Holst; Yves Borbely, MD; Abebe Bekele, MD; Andrew Wright, MD. *Stanford University, CA*

SP09 | 2:30 - 4:00 pm

Quality, Outcomes, and Costs II; Surgical Humanitarian Outreach II*Location: Moscone North, Exhibit Level, Room 132-133*

TRACKS: EDU, HUM

CO-MODERATOR: Scott A. Leckman, MD, FACS, *Salt Lake City, UT*CO-MODERATOR: Erica L. Mitchell, MD, FACS, *Portland, OR*

Global Surgery Opportunities for U.S. Surgical Residents: A Plea for Centralization

Mary M. Knudson, MD, FACS; Margaret Tarpley; Catherine J. Juillard, MD, MPH; Patricia J. Numann, MD, FACS. *San Francisco General Hospital, CA*

Improving Surgical Access in Low-Income Countries—Evaluating Operative Capacity in Mozambique

Amina Merchant, MD; Kelly McQueen, MD, MPH. *Vanderbilt University, Nashville, TN*

Medicaid—Paying More and Getting Less?

Alexander J. Greenstein, MD, MPH, FACS; Arthur H. Aufses, MD, FACS; Alan Moskowitz, MD; Natalia N. Egorova, PhD, MPH. *Mount Sinai Hospital, New York, NY*

Strengthening Health Systems of Developing Countries: A Systematic Review of Surgery in Universal Health Coverage in Low-Middle Income Countries

Emily A. Oliver, MD, MPH; Juliet S. Okoroh, MD, MPH; Victoria Chia; Marisa L. Dharmawadene, MD, MPH; Robert Riviello, MD, MPH. *Nationwide Children's Hospital, Columbus, OH*

The Feasibility and Time Required for Routine Health Literacy Assessment in Surgical Practice

Ian K. Komenaka, MD, FACS; Ryan X. Eubanks, DO; Jesse Nodora, DrPH; Maria Elena Martinez, PhD; Chiu-Hsieh Hsu, PhD; Marcia Bouton, PAC; Barry D. Weiss, MD. *Maricopa Medical Center, Phoenix, AZ*

The Surgical Value of Nontraditional, Minimally Invasive Gallbladder Removal: Traditional Four Port vs. Single-Incision and Robotically-Assisted Cholecystectomy

Richard M. Newman, MD, FACS; Bethany J. Bozuto, RN, MBA; Jennifer L. Dilungo, PAS; Scott J. Ellner, DO, FACS. *Saint Francis Hospital and Medical Center, Hartford, CT*

What Is the Return on Investment for Changing a Medical Center Culture?

Susan D. Moffatt-Bruce, MD, PhD, FACS; Justin L. McGee; Hagop Mekhjian, MD. *Ohio State University, Columbus*

SP10 | 2:30 - 4:00 pm

Trauma Surgery I; Neurosurgery

Location: Moscone West, Third Level, Room 3020/3022

TRACKS: NEU, TRA

CO-MODERATOR: Ann Marie Flannery, MD, FACS, *St. Louis, MO*

CO-MODERATOR: Carrie A. Sims, MD, FACS, *Philadelphia, PA*

Intracerebral Hemorrhage (ICH) Score and Systemic Inflammatory Response Syndrome (SIRS) Correlate with Mortality in Traumatic Intra-Cranial Hemorrhage

Cynthia Kwong, MD; Amy Pate, MD; Sophia Siddiqui; Rameez Rehman; Akella Chendrasekhar, MD. *Richmond University Medical Center, Staten Island, NY*

Patient-Centered Checklist (PATCCH) Communication Protocol Improves Trauma Patient Satisfaction

Aaron C. Baker, MD; Jason B. Young, MD; Bonnie McCracken, NP; Karen Kouretas, RN; Joseph M.

Galante, MD, FACS. *University of California—Davis Medical Center, Sacramento, CA*

Pre-Injury Vulnerable Elders Survey-13 Score Facilitates Initiation of Hospital Discharge Planning for Older Trauma Patients on Admission

Alicia J. Mangram, MD, FACS; James K. Dzandu, PhD; Michael G. Corneille, MD; Melissa M. Moyer, CSTR; Arlene Stienstra, NP; Mary Collins, MS, FNP-C. *John C. Lincoln Health Network, Phoenix, AZ*

Stereotactic Gamma Knife Radiosurgery as an Effective Treatment for Acromegaly

James M. Robins, MRCS; John Ayuk, PhD, FRCP; Peter J. Trainer, MD, FRCP; 2014 UK National Acromegaly Investigators; John Newell-Price, PhD, FRCP. *Sheffield Teaching Hospitals NHS Trust, United Kingdom*

The G60 Trauma Center: A Future Consideration?

Marko Bukur, MD, FACS; Joe Catino, MD, FACS; Ivan Puente, MD, FACS; Robyn Farrington, RN, MBA-HCN; Margaret Crawford, RN, MSN, CCRN, CEN; Fahim Habib, MB, BS, MPH, FACS. *Delray Medical Center, Delray Beach, FL*

SP11 | 4:15 - 5:45 pm

Transplantation

Location: Moscone West, Second Level, Room 2003

TRACK: GEN

MODERATOR: Janet E. Tuttle-Newhall, MD, FACS, *St. Louis, MO*

A Novel Method for Performing Islet Transplantation Using Tissue Engineered Sheets Composed of Islets and Mesenchymal Stem Cells

Masataka Hirabaru, MD; Tamotsu Kuroki, MD; Amane Kitasato, MD, PhD; Tomohiko Adachi, MD; Hajime Matsushima, MD; Akihiko Soyama, MD, FACS; Kengo Kanetaka, MD, FACS; Mitsuhisa Takatsuki, MD, PhD, FACS; Susumu Eguchi, MD, FACS. *Nagasaki University, Japan*

CD47 Blockade Improves Survival after Transplantation of Steatotic Liver Allografts

Zhenyu Xiao; Babak Banan, MD; Jianluo Jia; Yiing Lin; Gundumi A. Upadhyay, PhD; Pamela Manning; Thalachallour Mohanakumar, PhD; William A. Frazier; William C. Chapman, MD. *Washington University, St. Louis, MO*

Generation of Functional Human Myocardium from Native Human Heart Matrix and Human Induced Pluripotent Stem (iPS) Cell-Derived Cardiomyocytes

Jacques P. Guyette, PhD; Philipp T. Moser, MD; Jonathan M. Charest; Harald C. Ott, MD. *Massachusetts General Hospital, Boston*

Liver Re-Transplantation for Recurrence of Hepatitis C Virus (HCV) Related Cirrhosis Using Hepatitis C Positive Allografts: A Nine-Year Organ Procurement and Transplantation Network (OPTN) Analysis

Justin C. Torosian; Benjamin E. Leiby, PhD; Adam M. Frank, MD, FACS; Carlo G. Ramirez, MD, FACS; Cataldo Doria, MD, PhD, FACS. *Thomas Jefferson University, Philadelphia, PA*

Lung Transplantation in Patients with High Lung Allocation Scores: Using National Data to Estimate Prognosis

Awori J. Hayanga, MD; Jingyan Yang; Jonathan Aboagye, MD; Heather E. Kaiser, MD, MPH; Norihisa Shigemura, MD; Jay K. Bhama; James D. Luketich, MD, FACS; Jonathan D'Cunha, MD, PhD. *Spectrum Health/Michigan State University, Grand Rapids*

Recipient Smoking History Predicts Renal Dysfunction following Lung Transplantation: The Case for Dose-Dependence

Awori J. Hayanga, MD; Jingyan Yang; Jonathan Aboagye, MD; Heather E. Kaiser, MD, MPH; Jay K. Bhama; Norihisa Shigemura, MD; James D. Luketich, MD, FACS; Jonathan D'Cunha, MD, PhD. *Spectrum Health/Michigan State University, Grand Rapids*

SP12 | 4:15 - 5:45 pm Urology; Perioperative

Location: Moscone West, Third Level, Room 3020/3022

TRACKS: GEN, URO

CO-MODERATOR: Joshua A. Broghammer, MD, FACS, *Kansas City, MO*

CO-MODERATOR: Daniel A. Barocas, MD, MPH, FACS, *Nashville, TN*

Acute Colonic Pseudo-Obstruction (ACPO): Defining the Epidemiology, Treatment, and Adverse Outcomes of Ogilvie's Syndrome

Samuel W. Ross, MD, MPH; Bindhu Oommen, MD, MPH; Blair A. Wormer, MD; Amanda L. Walters; Kristian T. Dacey, MHA; Vedra A. Augenstein, MD, FACS; B. Todd Heniford, MD, FACS; Ronald F. Sing, DO, FACS. *Carolinas Medical Center, Charlotte, NC*

Amniotic Fluid Renal Progenitors and Renal Extracellular Matrix: A New Approach for Kidney Regeneration

Roger E. De Filippo, MD, FACS; Ilenia Zanusso, PhD; Stefano Da Sacco, PhD; Scott Leslie, MD; Astgik Petrosyan; Kevin V. Lemley, MD, PhD; Laura Perin, PhD. *Children's Hospital Los Angeles, CA*

Cyclic Adenosine Monophosphate (cAMP) as a Prognostic Biomarker of Survival Due to Beta1-Blockade in Sepsis

Irada Ibrahim-Zada, MD, PhD; Peter M. Rhee, MD, FACS; Irina Maskaykina; Randall S. Friese, MD, FACS. *University of Arizona, Tucson*

Correction of Endocrinopathy Rescues Chronic Critically Ill Surgical Patients

Sayed Amirhossein Razavi, MD; Ceressa T. Ward; Beth E. Taylor, RD, FCCM; Timothy G. Buchman, MD, FACS. *Emory University, Atlanta, GA*

Failed Extubations Due to Unexpected Upper Airway Edema: Who Is at Risk?

Noubar M. Kevorkian, MD; D'Andrea Joseph, MD, FACS; Ilene Staff, PhD; Karyn Butler, MD, FACS. *Hartford Hospital, CT*

Pre-Biopsy Multi-Parametric Magnetic Resonance Studies Correlate with Gleason Score on Prostate Biopsy

Rajeev Kumar; Durgesh K. Dwivedi; Girdhar S. Bora, MCh.; Sanjay Thulkar; Sanjay Sharma, MD, FRCR, DNB; Sidhartha Dattagupta; N. R. Jaganna-

than, PhD. *All India Institute of Medical Sciences, New Delhi*

Predictors of Development of Life-Threatening Complications (Clavien IV) in Patients with Necrotizing Soft Tissue Infections of the Perineum

Efstathios Karamanos, MD; Naveen Kachroo, MD, PhD; Sriram Eleswarapu, MD, PhD; Kelly J. Rosso, MD; Aamir Siddiqui, MD, FACS; Ilan S. Rubinfeld, MD, FACS. *All India Institute of Medical Sciences, New Delhi*

Wednesday, October 29

SP13 | 8:00 - 9:30 am

Vascular Surgery

Location: Moscone West, Second Level, Room 2005/2007

TRACK: VAS

MODERATOR: Ellen T. Farrokhi, MD, FACS, *Seattle, WA*

Analysis of Optimal Initial and Subsequent Interventions in the Treatment of Critical Limb Ischemia

Ann D. Smith, MD; Joel T. Adler, MD; Louis L. Nguyen, MD, MBA, MPH, FACS. *Brigham and Women's Hospital Boston, MA*

Molecular Imaging of Spinal Cord Inflammation following Thoracic Aortic Ischemia Reperfusion Injury

Hassan Albadawi, MD; John W. Chen, MD, PhD; Rahmi Oklu, MD, PhD; Gregory R. Wojtkiewicz; Richard P. Cambria, MD; Michael T. Watkins, MD. *Massachusetts General Hospital, Boston, MA*

TGF-Beta/Smad3-Induced CXCR4 Expression in Injured Arterial Wall Promotes Intimal Hyperplasia

Lian-Wang Guo, PhD; Xudong Shi, MD, PhD; Stephen Seedial; Toshio Takayama, MD, PhD; Bowen Wang; Sarah Franco; Daniel DiRenzo; K. Craig Kent, MD. *University of Wisconsin, Madison*

The Impact of an Enhanced Recovery after Surgery (ERAS) Program in Elective Retroperitoneal Abdominal Aortic Aneurysm Repair

Carlo Feo, MD, FACS; Mattia Portinari, MD; Elpiniki Tsolaki, MD, PhD; Giovanni Romagnoni, MD; Simone Targa, MD; Lucia Braccini, MD; Marco Verri, MD; Stefano Camerani, MD; Carlo A. Volta, MD; Francesco Mascoli, MD. *Sant'Anna University Hospital, Ferrara, Italy*

Unchecking the Box: Beta Blocker Associated Harm in Carotid Endarterectomy

James C. Iannuzzi, MD; Fergal Fleming, MD; Ankur Chandra, MD; Katia Noyes, PhD, MPH; John R. T. Monson, MD, FACS; Michael C. Stoner, MD, FACS. *University of Rochester Medical Center, NY*

Vascular Surgeons Have Better Outcomes than Non-Vascular Surgeons in Key Index of Open Vascular Procedures

Carla C. Moreira, MD; Denis Rybin; Gheorghe Doros, PhD; Jeffrey A. Kalish, MD; Mohammad Eslami; Alik Farber. *Boston University Medical Center, MA*

SP14 | 8:00 - 9:30 am

Surgical Oncology II*Location: Moscone South, Esplanade Level, Room 302*

TRACK: ONC

CO-MODERATOR: Eric J. Silberfein, MD, FACS, *Houston, TX***Chronic Pancreatitis and Pancreatic Cancer Demonstrate Active Epithelial-Mesenchymal Transition Regulated by the Feedback Loop Between miR-217 and SIRT1**Gang Zhao; Shi-Chang Deng; Xiang Li; Chun-You Wang, MD. *Pancreatic Disease Institute, Union Hospital, Wuhan, China***Comparison of Radioactive Seed Localization to Wire Localization for Nonpalpable Breast Lesions**Pragatheeshwar Thirunavukarasu, MD; Chetasi Talati, MD; Shicha Kumar, MD. *Roswell Park Cancer Institute, Buffalo, NY***Perioperative Bowel Complications Reduce Survival Outcomes in Patients Undergoing Cytoreductive Surgery (CRS) with Hyperthermic Intraperitoneal Chemotherapy (HIPEC)**Smit Singla, MB, BS; Valerie Francescutti, MD; John Kane III, MD, FACS; Joseph J. Skitzki, MD, FACS. *Roswell Park Cancer Institute, Buffalo, NY***Quality Improvement Measures and Focused Pathological Staging without Adjuvant Chemotherapy in Stage II Colon Cancer: Interim Results from a National Cancer Institute (NCI)-Sponsored International Prospective Multicenter Trial**Anton J. Bilchik, MD, BCh, PhD, FACS; Mladjan Protic, MD, PhD; Aviram Nissan, MD; Zev Wainberg, MD; Scott R. Steele, MD; Itzhak Avital, MD; Alexander Stojadinovic, MD. *John Wayne Cancer Institute, Santa Monica, CA***The Impact of Neoadjuvant Chemotherapy and Chemoradiotherapy on Long-Term Outcome in Squamous Cell Carcinoma of the Thoracic Esophagus—an Analysis of the Prospective Randomized Multicenter Trial**Tomasz Skoczylas, MD, PhD; Grzegorz Wallner, MD, PhD; Andrzej Dabrowski, MD, PhD; Jerzy Laudanski, MD, PhD; Andrzej Szawlowski, MD, PhD; Pawel Lampe, MD, PhD. *Medical University of Lublin, Poland*

SP15 | 9:45 - 11:15 am

Quality, Outcomes, and Costs III; Surgical Humanitarian Outreach III*Location: Moscone West, Second Level, Room 2005/2007*

TRACKS: EDU, HUM

CO-MODERATOR: Maureen A. Killackey, MD, FACS, *New York, NY*CO-MODERATOR: Benedict A. Nwomeh, MD, FACS, *Columbus, OH***A Cost-Effective Projection Model for Basic and Continuous Surgical Care in India**Margarita S. Ramos, MD; Berit Hackenberg; Edward J. Caterson, MD, PhD; Alexander Campbell, MD; Hiteswar Sarma, MCh; William P. Magee, DDS, MD. *Brigham and Women's Hospital, Boston, MA***Exploring the Practice of Trephinations Among the Marakwet in Rift Valley Province, Kenya: A Descriptive Study**Zechariah Rhodes; Helen Smith, PhD; Violet Naanyu, PhD; Cecilia Loh, MD. *University of Arkansas for Medical Science, Little Rock***Hospital Charge Is Not a Surrogate Marker for Health Care Quality in Bariatric Surgery**Dana A. Telem, MD; Mark A. Talamini, MD, FACS; Maria Altieri, MD; Jie Yang, PhD; Qiao Zhang; Gerald J. Gracia, MD; Aurora D. Pryor, MD, FACS. *State University of New York at Stony Brook Medical Center***How NSQIP Annual Conferences Helped Intermountain Healthcare to Develop Its Targeting Zero Initiative to Reduced Surgical Site Infections**Mark J. Ott, MD, FACS; Jeannette Prochazka, MSN; Ute Gawlick, MD, PhD; Brett A. Bulloch, MSN; Matthew Peters, RN, PhD; Griffin H. Olsen; Griffin Bulloch; Marlene Mensah, RN. *Intermountain Healthcare, Murray, UT***Implications of Multiple Complications on Postoperative Recovery in General Surgery Patients**Sarah Tevis, MD; Greg D. Kennedy, MD, FACS. *University of Wisconsin, Madison***The Use of the Ambulatory Procedure Room for Carpal Tunnel Release**Naveed Nosrati; Stephen P. Duquette, MD; Adam C. Cohen, MD, FACS; Rajiv Sood, MD, FACS; Imtiaz A. Munshi, MD; Sunil Tholpady, MD, PhD. *Indiana University, Indianapolis*

SP16 | 12:45 - 2:15 pm

Plastics and Maxillofacial Surgery; Orthopaedic Surgery*Location: Moscone South, Exhibit Level, Room 102*

TRACKS: ORT, PLA

CO-MODERATOR: Linda G. Phillips, MD, FACS, *Galveston, TX*CO-MODERATOR: Danielle A. Katz, MD, FACS, *East Syracuse, NY***A Novel Oxysterol Analogue Promotes In-Vitro and In-Vivo Bone Regeneration**Luis A. Segovia, MD; Akishige Hokugo; Andrew Li, MD; Reza Jarrahy, MD. *University of California, Los Angeles***Decreased Immunity after Axillary Lymph Node Dissection (ALND) Is Mediated by T-Regulatory Cells**Swapna Ghanta, MD; Nicholas J. Albano; Daniel A. Cuzzone, MD; Walter J. Joseph; Ira L. Savetsky, MD; Jason C. Gardenier, MD; Jeremy S. Torrisi; Babak J. Mehrara, MD, FACS. *Memorial Sloan Kettering Cancer Center, New York, NY***Inducible Ablation of Lymphatic Vessels Using Cre-lox Technology**Jason C. Gardenier; Gina Farias-Eisner; Daniel Cuzzone, MD; Ira L. Savetsky, MD; Swapna Ghanta, MD; Nicholas Albano; Walter J. Joseph; Jeremy Torrisi; Babak J. Mehrara, MD, FACS. *Memorial Sloan Kettering Cancer Center, New York, NY*

Predicting Poor Outcomes in Elective Orthopaedic Surgery Patients with Liver Disease

Robert J. Avino; Jennifer Keller; Heidi Israel, PhD, FNP; Lisa Cannada, MD; Dirk H. Alander, MD, FACS. *St. Louis University Medical Center, MO*

Prehospital Risk Stratification Improves Safety for Elective Hip and Knee Arthroplasty

Eric L. Hume, MD; Finnah L. Pio; Laura M. Kosseim, MD; Craig L. Israelite, MD. *University of Pennsylvania, Philadelphia*

Tissue-Engineered Peripheral Nerve Repair Using a Novel Nanofiber Scaffold

Luis A. Segovia, MD; Akishige Hokugo; Andrew Li, MD; Anisa Yalom; Reza Jarrahy, MD. *University of California, Los Angeles*

SP17 | 2:30 - 4:00 pm

Pediatric Surgery

Location: Moscone South, Esplanade Level, Room 302

TRACK: PED

CO-MODERATOR: Stacey D. Moore-Olufemi, MD, FACS, *Houston, TX*

CO-MODERATOR: Celeste M. Hollands, MD, FACS, *Spanish Fort, AL*

Antibiotics Alone as an Alternative Therapy for Uncomplicated Pediatric Appendicitis

Peter C. Minneci, MD, MHSc; Jason P. Sulkowski, MD; Kristine M. Nacion, MPH; Justin B. Mahida, MD, MBA; Jennifer N. Cooper, PhD; R. L. Moss, MD, FACS; Katherine J. Deans, MD, MHSc. *Nationwide Children's Hospital, Columbus, OH*

Breast Cancer in Children and Adolescents: A National Cancer Data Base Review

Morgan K. Richards, MD; Adam B. Goldin, MD, FACS; Elizabeth A. Beierle, MD; Melanie R. Goldfarb, MD, FACS; John J. Doski, MD, FACS; Sara Javid, MD; Monica Langer, MD; Jed Nuchtern, MD, FACS; Sanjeev A. Vasudevan, MD, FACS; Ken W. Gow, MD, FACS. *Seattle Children's Hospital, WA*

Colorectal Carcinoma in Pediatric Patients: A Comparison with Adult Tumors, Treatment, and Outcomes from the National Cancer Data Base

Gabriela C. Poles, MD, MPH; Sanjeev A. Vasudevan, MD, FACS; Elizabeth A. Beierle, MD; John J. Doski, MD, FACS; Jed G. Nuchtern, MD; Melanie R. Goldfarb, MD, FACS; Ken W. Gow, MD, FACS; Adam B. Goldin, MD, FACS; Monica Langer, MD. *Maine Medical Center, Portland*

Malignant Melanoma in Children, Adolescents, and Adults: A Population-Based Outcomes Study Involving 262,394 Patients from the Surveillance Epidemiology and End Result (SEER) Database (1973–2010)

Krishnaraj Mahendraraj, MD; Komal Sidhu, MD; Ronald S. Chamberlain, MD, MPA, FACS. *Saint Barnabas Medical Center, Livingston, NJ*

Pediatric Thyroid Cancers: A Review of the National Cancer Data Base

Tate R. Nice, MD; Sebastian Pasara; Melanie R. Goldfarb, MD, FACS; Adam B. Goldin, MD, FACS; John J. Doski, MD, FACS; Monica Langer, MD; Jed

Nuchtern, MD, FACS; Sanjeev A. Vasudevan, MD, FACS; Ken W. Gow, MD, FACS; Elizabeth A. Beierle, MD. *Children's of Alabama, Birmingham*

SP18 | 2:30 - 4:00 pm

Cardiothoracic Surgery

Location: Moscone South, Exhibit Level, Room 103

TRACK: CTS

CO-MODERATOR: Melanie A. Edwards, MD, FACS, *St. Louis, MO*

CO-MODERATOR: Anthony W. Kim, MD, FACS, *New Haven, CT*

Driver Mutation Status in Resected Stage I Lung Adenocarcinoma: Correlation with Chest Computed Tomography Findings

Haiyu Zhou, MD; Carol C. Wu, MD; Mari Mino-Kenudson, MD; Wen Chen, MD; Douglas J. Mathisen, MD; Michael Lanuti, MD. *Massachusetts General Hospital, Boston*

Early-Stage Primary Bronchioloalveolar Carcinoma of the Lung: A Retrospective Population Analysis of Survival for Patients Treated with or without Surgery Stratified by Age

Jade M. Shorter; Danh V. Nguyen, PhD; Lisa Mu; Elizabeth A. David, MD; David T. Cooke, MD, FACS. *University of California–Davis Medical Center, Sacramento*

Left Circumflex Scar Burden Quantified Using Cardiac Magnetic Resonance Imaging (MRI) Predicts Severity of Ischemic Mitral Regurgitation and Postoperative Mortality

Tatiana Chadid, MD; Kanika Kalra, MD; Robert Eisner, MD; Eric L. Sarin, MD; Robert A. Guyton, MD; Vinod H. Thourani, MD, FACS; Muralidhar Padala, PhD. *Emory University School of Medicine, Atlanta, GA*

Lessons Learned from More Than 100 Robotic-Assisted Ivor Lewis Esophagectomies

Andrea M. Abbott, MD; Ravi Shridhar, MD, PhD; Sarah E. Hoffe, MD; Joyce Wong, MD; Nadia Saeed; Khaldoun Almhanna, MD, MPH; Kenneth L. Meredith, MD, FACS. *University of Minnesota, Minneapolis*

Outcomes for Locally Advanced T1-T3N1M0 Esophageal Cancer: The Impact of Traveling to a High-Volume Center for Treatment

Paul J. Speicher, MD; Brian R. Englum, MD; Asvin Ganapathi, MD; Thomas A. D'Amico, MD; Mark F. Berry, MD. *Duke University, Durham, NC*

Predictors of Prolonged Length of Stay after Esophageal Resection

Ko Un Park, MD; Zane Hammoud, MD, FACS; Ilan S. Rubinfeld, MD, FACS. *Henry Ford Hospital, Detroit, MI*

SP19 | 4:15 - 5:45 pm

Liver/Biliary Tract/Pancreas II; Trauma Surgery II

Location: Moscone South, Exhibit Level, Room 102

TRACKS: GEN, TRA

CO-MODERATOR: Andre R. Campbell, MD, FACS, *San Francisco, CA*

CO-MODERATOR: Steven J. Hughes, MD, FACS, *Gainesville, FL*

Identifying Trends in Sports-Related Ocular Injury Among 10–19 Year Olds

R. Sterling Haring, MPH; Joseph K. Canner, MHS; Adil H. Haider, MB, BS, MPH, FACS; Eric B. Schneider, PhD. *Johns Hopkins University, Baltimore, MD*

Minimally Invasive Pancreatoduodenectomy: Is the Learning Curve Surmountable?

Henry A. Pitt, MD, FACS; Attila Nakeeb, MD, FACS; Abhishek Parmar, MD; Taylor S. Riall, MD, FACS; E. Molly Kilbane, RN; Bruce L. Hall, MD, FACS. *Temple University, Philadelphia, PA*

Role of Von-Willebrand Factor and Clara Cell Specific Protein as a Bio and Prognostic Marker in Patients of Traumatic Lung Injury

Suresh Kumar; Sanjeev Kumar; Sumit Pratap Singh. *King George's Medical University, Lucknow, India*

The Effect of Tissue Damage Volume on Systemic Inflammation and Organ Dysfunction

Travis L. Frantz; Scott D. Steenburg, MD; Greg E. Gaski, MD; Timothy H. Pohlman, MD, FACS; Todd O. McKinley, MD; Robert L. Reed, MD. *Indiana University, Indianapolis*

Thrombocytopenia Is an Independent Predictor of Adverse Outcomes in Hepatic Resections for Hepatocellular Carcinoma—A NSQIP Analysis

Raghuveer Venkat, MD, MPH; Felipe B. Mae-gawa, MD. *University of Arizona, Tucson*

Tumor Progression following Portal Vein Embolization for Colorectal Liver Metastasis: Impact on Long-Term Outcomes

Eve Simoneau, MD; Mazen Hassanain, MD, PhD, FACS, FRCS; Murad Aljiffry, MD, FRCS; Prosanto K. Chaudhury, MD, FACS, FRCS; Georges Zogopoulos, MD, PhD, FACS, FRCS; Nasser Abualhassan, MD; David Valenti, MDCM; Tatiana Cabrera, MD; Nouran Molla, MB, BS; Peter Metrakos, MD, FACS, FRCS. *McGill University, Montreal, QC*

Mariani, MD; William A. Cliby, MD, FACS; Jamie Bak-kum, MD. *Mayo Medical School, Rochester, MN*

Doxycycline Improves Strength of Mesh Hernia Repairs but not Sutured Repairs

John S. Roth, MD, FACS; Job Tharappel, PhD; Jennifer Whittington, MD; David Puleo, PhD; Brit-tany Zwischenberger, MD. *University of Kentucky, Lexington*

Laparoscopic Inguinal Hernia Repair vs. Open Inguinal Hernia Repair

Jimmi Mangla, MB, BS; Christina S. Jenkins, MD; Amy Somerset, MD; Wayne Yang, MD; Olufunke M. Akoni, MD; Robert J. Welsh, MD, FACS; Kevin Krause, MD; David Chengelis, MD. *William Beau-mont Hospital, Royal Oak, MI*

Mesenchymal Stem Cell Treatment Modulates Oxidative Stress and Improves Diabetic Wound Healing through Increased Expression of GPX4

Junwang Xu, PhD; Carlos Zgheib, PhD; Debbie Shear; Grace Li; Junyi Hu, MD; Kenneth W. Liechty, MD, FACS. *Nemours Children's Hospital, Orlando, FL*

The Clinical Relevance of Pneumatosis Detected by Computed Tomography

Matthew D. Huk, MD; Srikanth Kurapati; Kurt R. Stahlfeld, MD, FACS. *University of Pittsburgh Medical Center Mercy, PA*

The Outcomes of 400 Laparoscopic Heller-Dor Operations for Esophageal Achalasia

Fumiaki Yano, MD, FACS; Nobuo Omura; Kazuto Tsuboi, MD; Masato Hoshino, MD; Se Ryung Yama-moto; Shunsuke Akimoto, MD; Takahiro Masuda, MD; Katsunori Nishikawa; Hideyuki Kashiwagi; Katsuhiko Yanaga, MD, PhD, FACS. *Jikei University, Tokyo, Japan*

Thursday, October 30

SP20 | 8:00 - 9:30 am

General Surgery II; Obstetrics and Gynecology

Location: Moscone North, Exhibit Level, Room 120

TRACKS: GEN, OBG

CO-MODERATOR: Joel I. Sorosky, MD, FACS, *Hartford, CT*

CO-MODERATOR: Rebecca C. Britt, MD, FACS, *Norfolk, VA*

Acute Care Surgery Model in a Tertiary Medical Center Improves the Outcomes in the Management of Benign Gallbladder Diseases—A Single Center Study

Prashanth V. Sreeramoju, MB, BS, FACS; Ratna Medicherla, MD; Hillary C. Yaffe, MD; Nicholas Manguso; W. Scott Melvin, MD. *Montefiore-Einstein Medical Center, New York, NY*

Beyond Prophylaxis: Extended Risk of Venous Thromboembolism in Ovarian Cancer

Beth E. Bourne; Carrie Langstraat, MD; Michaela E. McGree; Amy Weaver; Shikha Sarangi, MB, BS; Bahareh Mokri, MD; John A. Heit, MD; Andrea

The Committee for the Forum on Fundamental Surgical Problems

The Committee is proud to sponsor four Panel Sessions (see the listing below), as well as provide a venue for scientific and surgical investigators in-training to present their research for the first time to a national audience in the sessions of abstract presentations in the subsequent pages.

Monday, October 27

PS102 | 9:45 - 11:15 am

The Gut Microbiome: A Surgeon's Hostile Adversary or Secret Savior

(cosponsored with the Advisory Council for General Surgery)

PS104 | 9:45 - 11:15 am

Image-Guided Surgery: Progress and Promise

(cosponsored with the Committee on Emerging Surgical Technology and Education)

Tuesday, October 28

PS218 | 12:45 - 2:15 pm

Human Genomics and Personalized Medicine in Surgical Practice

Wednesday, October 29

PS304 | 8:00 - 9:30 am

Vascularized Composite Allotransplantation: From Faces to Hands

Surgical Forum (SF)

Owen H. Wangenstein Surgical Forum on Fundamental Surgical Problems

Abstract Presentations

The Committee for the Forum on Fundamental Surgical Problems has selected more than 330 abstracts to be presented in 30 Surgical Forum sessions, Monday through Thursday. The accepted abstracts for most of the titles given in this program have been published in a supplemental issue of the *Journal of The American College of Surgeons*, which was distributed to the entire membership in September, and will be made available free of charge during the Clinical Congress.

*Alimentary Tract I	114
Alimentary Tract II	130
Alimentary Tract III.	132
Cardiothoracic Surgery I	123
*Cardiothoracic Surgery II.	136

Critical Care I/Basic Biology	124
Critical Care II/Clinical Studies	133
Ethics	135
*Geriatric Surgery/Palliative Care	137
*Global Surgery	117
Innovative Clinical Technology	140
*Neurosurgery/Obstetrics and Gynecology/ *Orthopaedic Surgery	129
*Pediatric Surgery I	118
Pediatric Surgery II	131
*Plastic and Maxillofacial Surgery I	125
Plastic and Maxillofacial Surgery II	138
*Quality, Safety, and Outcomes I	115
Quality, Safety, and Outcomes II	126
Quality, Safety, and Outcomes III	138
Quality, Safety, and Outcomes IV	141
*Surgical Education I	119
Surgical Education II	134
Surgical Oncology/Endocrine I	120
*Surgical Oncology/Endocrine II	127
*Targeted and Cell-Based Therapies	116
*Transplantation and Tissue Engineering	128
*Urological and Reproductive Surgery I	121
Urology and Reproductive Surgery II (Robotics)	132
*Vascular Surgery I	122
Vascular Surgery II	139

*Denotes 2014 Excellence in Research Award Recipient presenting at the session.

Monday, October 27

SF01 | 9:45 am - 1:00 pm

Alimentary Tract I

Location: Moscone North, Exhibit Level, Room 122/125

TRACK: GEN

MODERATOR: Gregory D. Kennedy, MD, PHD, FACS, Madison, WI

CO-MODERATOR: Colin Martin, MD, Birmingham, AL

2014 Excellence in Research Award Recipient:

Christa N. Grant, MD, Los Angeles, CA

Human Small Intestine Stem Cells Respond to Withdrawal of Luminal Nutrients by Decreasing Proliferation and Increasing Self-Renewal in the Crypt

Christa N. Grant, MD; Salvador Garcia; Ryan G. Spurrier, MD; Tracy C. Grikscheit, MD, FACS. *From Children's Hospital Los Angeles, CA*

DISCUSSANT: Michael G. Sarr, MD, FACS, Rochester, MN

WNT1-Inducible Secreted Protein 1 Regulates Intestinal Mucosal Wound Resealing

Philipp-Alexander Neumann, MD; Hikaru Nishio, PhD; Giovanna Leoni, PhD; Miguel Quiros, PhD; Gabriela Bernal; Mingli Feng; Norbert Senninger, MD, FACS; Charles A. Parkos, MD, PhD; Asma Nusrat, MD. *From Emory University, Atlanta, GA, and University of Muenster, Germany*

DISCUSSANT: Peter F. Nichol, MD, PhD, FACS, Madison, WI

Sphingosine Kinase-1 Is Regulated by MicroRNA-495 in Intestinal Epithelial Cells

Daniel Mansour, MD; Natasha Hansraj, MD; Alexis D. Smith, MD; Ruiyun Li, PhD; Rao Jaladanki, PhD; James M. Donahue, MD, FACS; Jian-Ying Wang, MD, PhD; Douglas J. Turner, MD, FACS. *From Baltimore VA Medical Center, MD, and University of Maryland Medical Center, Baltimore*
DISCUSSANT: Christina Cellini, MD, FACS, Rochester, NY

Role of Portal Nutrient Sensing in the Regulation of Post-Prandial Glucose

Atanu Pal, MB, BChir, MRCS; Ali Tavakkoli, MD, FACS, FRCS. *From the Center for Weight Management and Metabolic Surgery, Brigham and Women's Hospital/Harvard Medical School, Boston, MA*
DISCUSSANT: Catherine J. Hunter, MD, Chicago, IL

Mechanisms of Bile Acid-Induced Intestinal Epithelial Cell Death

Anne S. Roberts, MD; Stephanie C. Papillon, MD; Avafia Y. Roberts, MD; Mark R. Frey, PhD; Henri R. Ford, MD, FACS; Christopher P. Gayer, MD, PhD. *From Children's Hospital Los Angeles, CA*
DISCUSSANT: Brian S. Zuckerbraun, MD, FACS, Pittsburgh, PA

Identifying Strains of Opportunistic Pathogens in NEC

Debi Thomas; Brandon Bell; Stephanie C. Papillon, MD; Joanna C. Lim, MD; Larry Wang, MD; Anatoly V. Grishin, PhD; Henri R. Ford, MD, FACS. *From Children's Hospital Los Angeles, CA*
DISCUSSANT: Colin Martin, MD, Birmingham, AL

The Co-Administration of Valproic Acid (VPA), a Histone Deacetylase Inhibitor, and a Neurokinin-1 Receptor Antagonist (NK-1RA) that Reduces Intra-Abdominal Adhesion Formation in a Rat Surgical Model Downregulates the Expression of the Early Growth Response (EGR) Genes 1 and 3

Matthew T. Brady, MD; Elizabeth G. King, MD; Benjamin Keenan; Stanley Heydrick, PhD; Michael R. Cassidy, MD; Arthur Stucchi, PhD. *From Boston University School of Medicine, MA*
DISCUSSANT: Hasan B. Alam, MD, FACS, Ann Arbor, MI

Laparoscopic-Assisted Transversus Abdominis Plane Block for Postoperative Pain Control in Laparoscopic Ventral Hernia Repair: A Randomized Control Trial

Dani O. Gonzalez, MD; Adam C. Fields; Edward H. Chin, MD, FACS; Scott Q. Nguyen, MD, FACS; Linda P. Zhang, MD; Celia M. Divino, MD, FACS. *From the Icahn School of Medicine at Mount Sinai, New York, NY*
DISCUSSANT: Matthew I. Goldblatt, MD, FACS, Milwaukee, WI

Recent Cigarette Smoking Cessation and Surgical Outcomes

Catherine E. Kling, MD; Thomas K. Varghese, MD, FACS; Steven Kwon, MD, MPH; Rafael Alfonso-Cristancho, MD, PhD; Michael Lee, MD; Ellen Farrokhi, MD, MPH; Terry Rogers, MD; David R. Flum, MD, MPH, FACS. *From the University of Washington, Seattle*
DISCUSSANT: Mary R. Kwaan, MD, MPH, FACS, Minneapolis, MN

Emergent Surgery Does Not Independently Predict 30-Day Mortality after Paraesophageal Hernia Repair: Results from the ACS NSQIP® Database

Toms Augustin, MB, BS; Eric B. Schneider, PhD; Stacy A. Brethauer, MD, FACS; Diya Alaedeen, MD; Matthew D. Kroh, MD, FACS; Allan Siperstein, MD. *From the Cleveland Clinic Foundation, OH, and Johns Hopkins School of Medicine, Baltimore, MD*
DISCUSSANT: Kyle A. Perry, MD, FACS, Columbus, OH

Neutrophil to Lymphocyte Ratio Predicts Biologic Behavior in Patients Undergoing Curative Resection for Gastroesophageal Cancer

Ioannis Hatzaras, MD; Antonio Masi, MD; Marcovalerio Melis, MD, FACS; Russell S. Berman, MD, FACS; H. Leon Pachter, MD, FACS; Steven M. Cohen, DO, FACS; Elliot Newman, MD, FACS. *From New York University, New York City, NY*
DISCUSSANT: Kenneth L. Meredith, MD, FACS, Madison, WI

Bile Acids Differentially Control Intestinal Cell Proliferation via Src Kinase

Avafia Y. Dossa, MD; Stephanie C. Papillon, MD; Anne S. Roberts, MD; Mark R. Frey, PhD; Henri R. Ford, MD, FACS; Christopher P. Gayer, MD, PhD. *From Children's Hospital Los Angeles, CA*
DISCUSSANT: Jayleen M. Grams, MD, Birmingham, AL

SF02 | 9:45 am - 1:00 pm

Quality, Safety, and Outcomes I

(P5)

Location: Moscone North, Exhibit Level, Room 121/124

TRACKS: EDU, HP

MODERATOR: Shimul A. Shah, MD, FACS, Worcester, MA

2014 Excellence in Research Award Recipient:
Elliot Wakeam, MD, Boston, MA

Barriers and Strategies for Effective Patient Rescue: A Qualitative Study of Outliers

Elliot Wakeam, MD; Joseph A. Hyder, MD, PhD; Joel Weissman, PhD. *From Brigham and Women's Hospital, Boston, MA, University of Toronto, ON*
DISCUSSANT: Amir A. Ghaferi, MD, Ann Arbor, MI

Identifying Organizational Failures in Emergency General Surgical Admissions in the U.K.: A Health Care Failure Mode Effects Analysis

Prem Chana, BMBS, MRCS; Maxamillian J. Johnston, MB, BCh; Anne M. Pullyblank, MB, ChB, FRCS, MD; Elaine M. Burns, MB, ChB, MRCS, PhD; Omar D. Faiz, MB, BS, FRCS; Sonal Arora, MB, ChB, MRCS, PhD. *From the Imperial College London, United Kingdom, and North Bristol NHS Trust, Bristol, United Kingdom*
DISCUSSANT: Gretchen M. Schwarze, MD, FACS, Madison, WI

Checklist-Enhanced Handoffs: A Randomized Controlled Trial of Standardized Surgical Resident Handoff

Nicole M. Tapia, MD; Aaron Scott, MD; Sara C. Fallon, MD; Elizabeth A. Pelezo; Mary L. Brandt, MD; James W. Suliburk, MD, FACS. *From Baylor College of Medicine, Houston, TX*
DISCUSSANT: Lillian S. Kao, MD, FACS, Houston, TX

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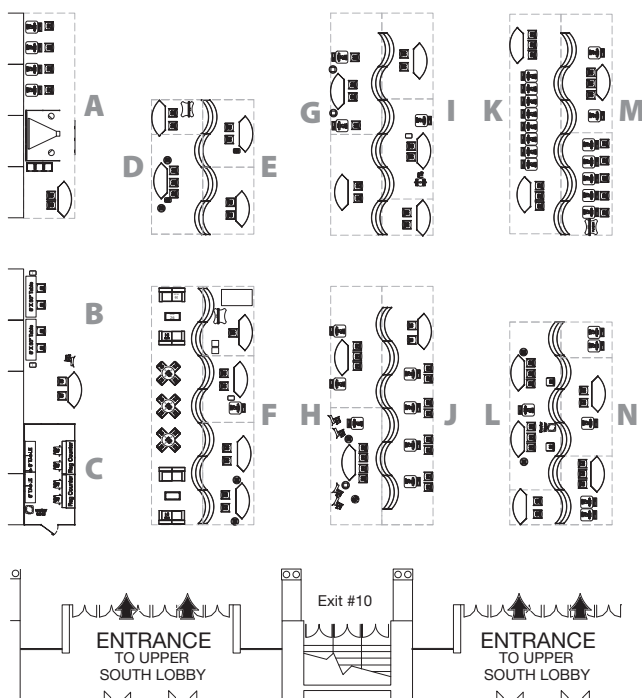
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Attitudes and Beliefs About the Surgical Safety Checklist: Powerful Tool or Mandated Policy?

Navjit Dharampal, MD; Christopher Cameron; Elijah Dixon, MD, FACS; William Ghali; May Lynn Quan, MD. *From University of Calgary, AB*
DISCUSSANT: Alex B. Hayes, MD, *Boston, MA*

Evaluating the Financial Impact of Quality Improvement in Bariatric Surgery

Christopher Scally, MD; Terry Shih, MD; Jyothi R. Thumma, MPH; Justin B. Dimick, MD, MPH, FACS. *From the University of Michigan, Ann Arbor*
DISCUSSANT: Wayne J. English, MD, FACS, *Marquette, MI*

Does Referral to Centers of Excellence Reduce Costs? An Evaluation of Medicare's Center of Excellence Policy for Bariatric Surgery

Terry Shih, MD; Christopher Scally, MD; Jyothi R. Thumma, MPH; Justin B. Dimick, MD, MPH, FACS. *From the University of Michigan, Ann Arbor*
DISCUSSANT: Daniel E. Abbott, MD, *Cincinnati, OH*

Hospital Caseload Implications for Bariatric Surgery Performance Monitoring

Robert W. Krell, MD; Justin B. Dimick, MD, MPH, FACS; Jonathan F. Finks, MD, FACS; Wayne J. English, MD, FACS. *From the University of Michigan, Ann Arbor*
DISCUSSANT: John M. Morton, MD, FACS, *Stanford, CA*

High Volume Improves Outcomes: The Argument for Centralization of Rectal Cancer Surgery

Christopher T. Aquina, MD; James C. Iannuzzi, MD, MPH; Kristin N. Kelly, MD; Christian P. Probst, MD; Aaron S. Rickles, MD, MPH; Linlin Zhang; Katia Noyes, PhD, MPH; Fergal J. Fleming, MD; John R.T. Monson, MD, FACS. *From the University of Rochester Medical Center, NY*
DISCUSSANT: Ian M. Paquette, MD, FACS, *Cincinnati, OH*

Should Patients Travel to High-Volume Centers to Undergo Proctectomy with Ileal Pouch Anal Anastomosis?

Joshua W. Kuethe, MD; Gregory C. Wilson, MD; Koffi Wima; Daniel E. Abbott, MD; Shimul A. Shah, MD, FACS; Ian M. Paquette, MD, FACS. *From the University of Cincinnati College of Medicine, OH*
DISCUSSANT: Karim Alav, MD, FACS, *Worcester, MA*

A Statewide Teleradiology System Reduces Radiation Exposure and Charges in Trauma Patients

Alexis M. Moren, MD, MPH; Brian S. Diggs, PhD; Benjamin D. Houser; Lynn Eastes, RN; Dawn Brand; Martin A. Schreiber, MD, FACS; Laszlo N. Kiraly, MD, FACS. *From the Oregon Health and Science University, Portland*
DISCUSSANT: James W. Suliburk, MD, FACS, *Houston, TX*

Antibiotics vs. Appendectomy as Initial Treatment for Acute Uncomplicated Appendicitis: A Cost-Effectiveness Analysis

Vincent E. Chong, MD; Wayne S. Lee, MD; Gregory P. Victorino, MD, FACS; Terrence H. Liu, MD, MPH. *From the University of California, San Francisco-East Bay, Oakland*
DISCUSSANT: Adil H. Haider, MB, BS, MPH, FACS, *Boston, MA*

Observation of Minimally Symptomatic Inguinal Hernias: Is It More Costly to Wait than to Operate?

Aliasgher M. Khaku; Christopher S. Hollenbeak, PhD; David I. Soybel, MD, FACS. *From Penn State Hershey College of Medicine*
DISCUSSANT: Ali Tavakkoli, MB, BS, FACS, FRCS, *Boston, MA*

SF03 | 9:45 am - 1:00 pm

Targeted and Cell-Based Therapies

Location: Moscone North, Exhibit Level, Room 120

TRACK: BTR

MODERATOR: Justin M. Sacks, MD, FACS, *Washington, DC*
CO-MODERATOR: Gerald Brandacher, MD, *Baltimore, MD*

2014 Excellence in Research Award Recipient:
George P. Liao, MD, *Houston, TX*

Mesothelin-Targeted T Cells Gene-Engineered with 4-1BB Costimulation Overcome Tumor-Mediated Immunoinhibition and Eradicate Established Solid Tumors

Leonid Cherkassky, MD; Jonathan Villena-Vargas, MD; Aureo Morello, PhD; Valerie W. Rusch, MD, FACS; Michel Sadelain, PhD; Prasad Adusumilli, MD, FACS. *From the Memorial Sloan Kettering Cancer Center, New York, NY*
DISCUSSANT: Damon Cooney, MD, *Baltimore, MD*

Transplantation of Enteric Neuronal Precursors to Restore Enteric Innervation in Hirschsprung Disease

Ryo Hotta, MD, PhD; Alyssa R. Thomas; Weihua Pan, MD, PhD; Jaime Belkind-Gerson, MD; Allan M. Goldstein, MD, FACS. *From Massachusetts General Hospital, Boston*
DISCUSSANT: Damon Cooney, MD, *Baltimore, MD*

Transdermal Drug Delivery of Deferoxamine Accelerates Healing and Improves Quality of Diabetic Wounds

Dominik Duscher, MD; Zeshaan N. Maan, MB, BS, MRCS; Alexander J. Whittam; Melanie Rodrigues, PhD; Arnetha J. Whitmore; Christopher R. Davis, MB, ChB, MRCS; Graham G. Walmsley; Michael S. Hu, MD, MPH; Jayakumar Rajadas, PhD; Geoffrey C. Gurtner, MD, FACS. *From the Hagey Laboratory for Pediatric Regenerative Medicine, Institute for Stem Cell Biology and Regenerative Medicine, and Biomaterials and Advanced Drug Delivery Center, Stanford, CA*
DISCUSSANT: Moderator(s)

Tumor-Associated Macrophages Promote Gastrointestinal Stromal Tumors Development

Michael J. Beckman, MD; Michael J. Cavnar, MD; Adrian M. Seifert, MD; Jonathan B. Greer, MD; Noah A. Cohen, MD; Juan A. Santamaria-Barria, MD; Shan Zeng, MD, PhD; Megan H. Crawley; Benjamin L. Green; Ronald P. DeMatteo, MD, FACS. *From the Memorial Sloan Kettering Cancer Center, New York, NY*
DISCUSSANT: Moderator(s)

Reduced Regenerative Capacity of Aged Adipose Derived Stem Cells Is Caused by Alterations of Cell Subpopulation Dynamics

Dominik Duscher, MD; Robert C. Rennert, MD; Michael Januszyk, MD; Zeshaan N. Maan, MB, BS, MRCS; Alexander J. Whittam; Michael S. Hu, MD,

MPH; Graham G. Walmsley; David Atashroo, MD; Michael T. Longaker, MD, MBA, FACS; Geoffrey C. Gurtner, MD, FACS. *From the Hagey Laboratory for Pediatric Regenerative Medicine and Institute for Stem Cell Biology and Regenerative Medicine, Stanford, CA*

DISCUSSANT: Moderator(s)

Inhibition of Established Pancreatic and Triple Negative Breast Tumor Growth by Blocking the Most Downstream Signaling Module, SIAH, in the Oncogenic ERBB/K-RAS Signaling Pathway

Vasilena Zheleva, MD; Minglei Bian, PhD; Xiaofei Gao, PhD; Justin Odanga; Zena Urban; Monicah Njogu; Bruce Knudsen; Richard A. Hoefer, Jr., DO, FACS; Roger R. Perry, MD, FACS; Amy H. Tang, PhD. *From the Eastern Virginia Medical School, Norfolk, VA*

DISCUSSANT: Moderator(s)

LL-37 Enhances Homing and Long-Term Engraftment after In Utero Hematopoietic Cell Transplantation (IUHCT)

Matthew M. Boelig, MD; Aimee G. Kim, MD; Michael A. Conner; Stavros P. Loukogeorgakis, MD, PhD; Alan W. Flake, MD, FACS; William H. Peranteau, MD. *From the Children's Hospital of Philadelphia, PA*

DISCUSSANT: Moderator(s)

Inhibitor of Nuclear Factor κ B Activation Enhances the Antitumor Effect of Radiation Therapy for Pancreatic Cancer

Yoshihiro Shirai, MD; Hiroaki Shiba, MD, PhD; Ryota Iwase, MD; Koichiro Haruki, MD, PhD; Yuki Fujiwara, MD, PhD; Kenei Furukawa, MD, PhD; Tadashi Uwagawa, MD, PhD; Takeyuki Misawa, MD, PhD, FACS; Toya Ohashi, MD, PhD; Katsuhiko Yanaga, MD, PhD, FACS. *From the Jikei University School of Medicine, Tokyo, Japan*

DISCUSSANT: Moderator(s)

Combination of Small RNAs Enhances Muscle Development

John R. Jackson, PhD; NaJung Kim, PhD; James Yoo, MD, PhD; Sang Jin Lee; Anthony Atala, MD, FACS. *From the Wake Forest School of Medicine, Winston-Salem, NC*

DISCUSSANT: Moderator(s)

Multiple Injections of Oncolytic Adenoviruses Suppressed the Growth of HPV-Positive Head and Neck Squamous Cell Carcinomas in an In Vivo Model

Christopher J. LaRocca, MD; Amanda R. Oliveira, DVM; Julia Davydova, MD, PhD; Mark Herzberg, DDS, PhD; Rajaram Gopalakrishnan, BDS, PhD; Masato Yamamoto, MD, PhD. *From the University of Minnesota, Minneapolis*

DISCUSSANT: Moderator(s)

A Novel Hematopoietic Stem Cell (HSC) Mobilizing Agent Enhances Long-Term Allogeneic Engraftment After In Utero Hematopoietic Stem Cell Transplantation (IUHCT)

Aimee G. Kim, MD; Jesse D. Vrecenak, MD; Michael A. Conner; Matthew M. Boelig, MD; Stavros P. Loukogeorgakis, MD, PhD; Alan W. Flake, MD, FACS; William H. Peranteau, MD. *From the Children's Hospital of Philadelphia, PA*

DISCUSSANT: David W. Mathes, MD, FACS, Seattle, WA

Autologous Bone Marrow Mononuclear Cells Reduce Therapeutic Intensity for Severe Traumatic Brain Injury in Children

George P. Liao, MD; Robert A. Hetz, MD; Shinil K. Shah, DO; Peter A. Walker, MD; Fernando Jimenez, RN; Steven C. Kosmach, RN; Mary-Clare Day, RN; Dean A. Lee, MD, PhD; Laura L. Worth, MD, PhD; Charles S. Cox, MD, FACS. *From the University of Texas Health Science Center at Houston*

DISCUSSANT: David W. Mathes, MD, FACS, Seattle, WA

SF04 | 2:30 - 5:45 pm

Global Surgery

Location: Moscone North, Exhibit Level, Room 122/125

TRACKS: INT, HUM

MODERATOR: Sanjay Krishnaswami, MD, FACS, Portland, OR

CO-MODERATOR: Mamta Swaroop, MD, FACS, Chicago, IL

2014 Excellence in Research Award Recipient:

Johanna Riesel, MD, Boston, MA

The Absence of Surgical Care on the Public Health and Global Health Agendas: Insights from a Global Surgery Community

Evan G. Wong, MD, MPH; Emmanuel A. Ameh, MB, BS, FACS; Sherry M. Wren, MD, FACS; Wakisa Mulwafu, MD; Mark A. Hardy, MD; Benedict C. Nwomeh, MD, MPH; Richard A. Gosselin, MD, MPH; T. Peter Kingham, MD; Raymond R. Price, MD; Adam L. Kushner, MD, MPH, FACS. *From Surgeons Over Seas, New York, NY, and Johns Hopkins Bloomberg School of Public Health, Baltimore, MD*

DISCUSSANT: Tarek S. A. Razek, MD, FACS, FRCSC, Montreal, QC

Global Public Health Impact of Recovered Supplies from Operating Rooms: A Critical Analysis with National Implications

Eric L. Wan; Li Xie, ScM; Miceile D. Barrett; Pablo A. Baltodano, MD; Andres F. Rivadeneira, MD; Jonathan Noboa; Carol Gentry, RN; Jorge H. Palacios, MD; Gedge D. Rosson, MD; Richard J. Redett III, MD, FACS. *From the Johns Hopkins University School of Medicine, Baltimore, MD, Luis Vernaza Hospital, Guayaquil, Ecuador, and Damien House Organization, Guayaquil, Ecuador*

DISCUSSANT: Susan L. Orloff, MD, FACS, Portland, OR

The Effect of Direct and Indirect Trauma Transfer to a Tertiary Care Center on Survival in a Sub-Saharan African Setting

Laura P. Boschini, MD; Yemeng Lu; Anna F. Tyson, MD; Melanie K. Sion, MD; Anthony G. Charles, MB, BS, MD, MPH, FACS. *From the University of North Carolina at Chapel Hill*

DISCUSSANT: Doruk E. Ozgediz, MD, Buffalo, NY

Creating Trauma Registries in Low- and Middle-Income Countries: Working with What We Already Have

Matthew R. Kesinger; Lisa R. Nagy; Denisse J. Sequeira; Jose D. Charry; Andres M. Rubiano, MD; Juan C. Puyana, MD, FACS. *From the University of Pittsburgh, PA, and Universidad Surcolombiana, Neiva, Columbia*

DISCUSSANT: Mamta Swaroop, MD, FACS, Chicago, IL

Thermal Injuries in Sub-Saharan Africa: Evaluating Length of Stay Against International Benchmarks

Danielle J. Carroll; Viatory Muhirwa, RN; Robin T. Petroze, MD, MPH; Jean Claude Byiringiro, MD; Georges Ntakiyiruta, MD; James F. Calland, MD, FACS. *From the University of Virginia, Charlottesville; University of Rwanda, Butare; and University Teaching Hospital-Kigali, Rwanda*
DISCUSSANT: Emmanuel A. Ameh, MB, BS, FACS, *Zarid, Nigeria*

Associations with In-Hospital Operative Mortality at a Major Referral Hospital in Rwanda

Jennifer L. Rickard, MD; Georges Ntakiyiruta, MD, MMed, FCSECSA; Kathryn M. Chu, MD, FACS. *From the University Teaching Hospital/University of Rwanda; College of Medicine and Health Sciences, Kigali; and Center for Surgery and Public Health, Brigham and Women's Hospital/Harvard Medical School, Boston, MA*
DISCUSSANT: Samuel R. G. Finlayson, MD, MPH, FACS, *Salt Lake City, UT*

Use of a Simplified Data Monitoring Tool Improves Prospective Outcomes Monitoring at a District Hospital In Rwanda

Rebecca G. Maine, MD, MPH; Elisabeth D. Riviello, MD, MPH; Charles A. Bush; Jean Jacques J. Irakiza; Jean Paul Mvukiyehe; Woon C. Kim, MD, MPH; Felix Manirakiza, MD; Samuel R.G. Finlayson, MD, MPH, FACS; Alex B. Haynes, MD, MPH; Theogene Twagirumugabe, MD, MMed. *From the University of Rwanda, Butare; Center for Surgery and Public Health, Brigham and Women's Hospital, Boston, MA; and Lifebox Foundation, London*
DISCUSSANT: Michael B. Aboutanos, MD, MPH, FACS, *Richmond, VA*

Short-Term Surgical Missions in a Resource-Limited Environment: Early Surgical Outcomes

Anastasia Kunac, MD, FACS; Joyce A. Bonitz, MD; Letitia E. Bible, MD; Kevin O. Clarke, MD, FACS; David H. Livingston, MD, FACS; Ziad C. Sifri, MD, FACS. *From Rutgers New Jersey Medical School, Newark, and, Newark Beth Israel Medical Center, NJ*
DISCUSSANT: Jorge E. Foianini, MD, FACS, *Miami, FL*

Selective Nonoperative Management of Splenic Injury in Combat: 2002–2012

Thomas Mitchell; Lorne Blackburne, MD, FACS; Christopher White, MD, FACS. *From the San Antonio Military Medical Center, TX*
DISCUSSANT: Raymond R. Price, MD, FACS, *Salt Lake City, UT*

Patient and Physician Demand for Laparoscopy Propels the Development of Surgical Capacity in Mongolia

Katie M. Wells, MD; Raymond R. Price, MD; Polly Wiessner, PhD; Haadi T. Shalabi, BMBS, BMedSci; Eric Hu; Brandon Rodriguez; Catherine R. deVries, MD. *From the University of Utah Center for Global Surgery, Salt Lake City, UT*
DISCUSSANT: Sanjay Krishnaswami, MD, FACS, *Portland, OR*

Utilizing Social Media to Disseminate Information and Engage Feedback: Experiences from the Lancet Commission on Global Surgery

Johanna Riesel, MD; Sarah L. M. Greenberg, MD, MPH; Hampus Holmer; John G. Meara, MD, FACS. *From the Boston Children's Hospital, MA*
DISCUSSANT: Benedict C. Nwomeh, MB, BS, FACS, *Columbus, OH*

Community Health Workers for Surgery: A Pilot Study of a Mobile Health Application for the Early Detection of Surgical Site Infection in Rural Haiti

Alexi Matousek, MD, MPH; Stephen Addington; Kenneth E. Paik, MD, MBA; Eric Winkler; Chauvet Exe, MD; Rodolph R. Eisenhower; Jean Louis, MD; John G. Meara, MD, FACS; Robert Riviello, MD, MPH. *From the Center for Surgery and Public Health, Brigham and Women's Hospital, and Program in Global Surgery and Social Change, Harvard Medical School, Boston, MA, Sana-Massachusetts Institute of Technology, Cambridge, MA*
DISCUSSANT: Marilyn W. Butler, MD, FACS, *Portland, OR*

SF05 | 2:30 - 5:45 pm

Pediatric Surgery I

Location: Moscone North, Exhibit Level, Room 121/124

TRACK: PED

MODERATOR: David M. Gourlay, MD, FACS, *Milwaukee, WI*

MODERATOR: Gregory M. Tiao, MD, FACS, *Cincinnati, OH*

2014 Excellence in Research Award Recipient:

Marie V. Nguyen, MD, *Honolulu, HI*

PROMININ-1-Expressing Progenitor Cells Undergo TGF β -Mediated Transdifferentiation into Myofibroblasts during Biliary Fibrosis

Marie V. Nguyen, MD; Nirmala Mavila, PhD; David James; Kasper S. Wang, MD, FACS. *From the Children's Hospital Los Angeles, CA*
DISCUSSANT: Evan P. Nadler, MD, FACS, *Washington, DC*

Zinc Transporter ZnT2 Regulates Activity of Secretory Granules in the Intestinal Paneth Cell

Abigail B. Podany, MD; Abby K. Geletzke, MD; Sooyeon Lee; David I. Soybel, MD, FACS; Shannon L. Kelleher, PhD. *From the Penn State Hershey Medical Center*
DISCUSSANT: Michael A. Helmrath, MD, FACS, *Chapel Hill, NC*

Slit3 Knockout Mice with Congenital Diaphragmatic Hernia Develop Pulmonary Arterial Hypertension and Abnormal Vascular Remodeling

Michael R. Phillips, MD; Jin Li; Clara H. Lee; Yueh Z. Lee, MD, PhD; J.S. Marron, PhD; Sean E. McLean, MD, FACS. *From the University of North Carolina School of Medicine, Chapel Hill*
DISCUSSANT: Charles S. Cox, MD, FACS, *Houston, TX*

Abnormal Pulmonary Artery Endothelial-Smooth Muscle Cell Interactions in Experimental Congenital Diaphragmatic Hernia

Shannon N. Acker, MD; Gregory Seedorf; Steve H. Abman, MD; Eva Nozik-Grayck, MD; David A. Par-

trick, MD, FACS; Jason Gien, MD. *From the University of Colorado, Aurora*

DISCUSSANT: Sean E. McLean, MD, FACS, *Chapel Hill, NC*

Patients and Mice with Gastroschisis Have Increased Innate Lymphoid Cells and Eosinophils in Herniated Organs: A Potential Mechanism for T Cell-Mediated Bowel Inflammation

Cerine Jeanty; Michela Frascoli, PhD; Patriss W. Moradi; Tippi C. MacKenzie, MD, FACS. *From the University of California, San Francisco*

DISCUSSANT: David J. Hackam, MD, FACS, *Pittsburgh, PA*

Silencing Gastrin-Releasing Peptide Receptor Suppresses Key Regulators of Aerobic Glycolysis in Neuroblastoma Cells

Carmelle Romain, MD; SunPhil Choi, PhD; Jingbo Qiao, PhD; Dai H. Chung, MD, FACS. *From the Vanderbilt University Medical Center, Nashville, TN*

DISCUSSANT: Joel Shilyansky, MD, FACS, *Iowa City, IA*

Secondary Bile Acids Contribute to Intestinal Epithelial Cell Injury via Inhibition of Cell Migration

Stephanie C. Papillon, MD; Avafia Y. Dossa, MD; Anne S. Roberts, MD; Mark R. Frey, PhD; Henri R. Ford, MD, FACS; Christopher P. Gayer, MD, PhD.

From the Children's Hospital Los Angeles, CA

DISCUSSANT: Kasper S. Wang, MD, FACS, *Los Angeles, CA*

Human Amniotic Fluid Derived Multipotent Stromal Cells Enhance Decellularized Diaphragm Scaffold Regeneration and Function in a Rodent Model of Congenital Diaphragmatic Hernia

George P. Liao, MD; Kinga Vojnits, PhD; Yohan Choi, PhD; Kevin R. Aroom; Robert A. Hetz, MD; Hasen Xue, MD; Fabio Triolo, PhD; Yong Li, MD, PhD; Kevin P. Lally, MD, FACS; Charles S. Cox, MD, FACS. *From the University of Texas Health Science Center at Houston*

DISCUSSANT: Alan W. Flake, MD, FACS, *Philadelphia, PA*

The Innate Immune Receptor Toll Like Receptor 4 (TLR4) Regulates Intestinal Stem Cell Proliferation Following Radiation Exposure

Shahab A. Shaffiey, MD; Chhinder Sodhi, PhD; Hongpeng Jia, MD; Yukihiro Yamaguchi, PhD; Maria Branca; Thomas Prindle; David J. Hackam, MD, PhD, FACS. *From the University of Pittsburgh, PA, and Children's Hospital of Pittsburgh of University of Pittsburgh Medical Center, PA*

DISCUSSANT: David M. Gourlay, MD, FACS, *Milwaukee, WI*

Pumpless Arterio-Venous Extracorporeal Membrane Oxygenation in the Management of Congenital Diaphragmatic Hernia

Emily A. Partridge, MD; Marcus G. Davey, PhD; Kevin C. Dysart, MD; Robert Caskey, MD; James T. Connelly, RRT-NPS; Andrew Misfeldt, MD, PhD; Holly L. Hedrick, MD, FACS; William H. Peranteau, MD; Alan W. Flake, MD, FACS. *From the Children's Hospital of Philadelphia, PA*

DISCUSSANT: George B. Mychaliska, MD, FACS, *Ann Arbor, MI*

SF06 | 2:30 - 5:45 pm

Surgical Education I

Location: Moscone North, Exhibit Level, Room 123

TRACKS: EDU, RES/MED

MODERATOR: Afshin M. Molkara, MD, FACS, *Moreno Valley, CA*

MODERATOR: John R. Porterfield, MD, FACS, *Birmingham, AL*

2014 Excellence in Research Award Recipient:

Hyeyoun Min, MD, *Boston, MA*

Is Surgeons' Visual Perception of Tissue Planes a Learned Skill?

Syed T. Ali, MB, BS, FRCSC; Roy Eagleson; Christopher M. Schlachta, MD, FACS. *From the London Health Sciences Centre, ON*

DISCUSSANT: Megan K. Baker, MD, FACS, *Charleston, SC*

Feasibility and Usefulness of a Standardized Oral Examination (SOE) Emphasizing Cognitive Processes for Surgery Clerkship Students

Hyeyoun Min, MD; Xiaodong Chen, PhD; Elizabeth M. Breen, MD, FACS. *From Harvard Medical School/Brigham and Women's Hospital, Boston, MA*

DISCUSSANT: Munier M.S. Nazzal, MB ChB, FACS, *Toledo, OH*

Three-Dimensional Simulation vs. Two-Dimensional Enhances Surgical Skills in Standardised Laparoscopic Tasks

Danielle Collins; Ambreen Ashraf, MD; Maria Whelan, MD; Paul Balfe, MD. *From Tallaght Hospital, Kilkenny, Ireland*

DISCUSSANT: Andres E. Castellanos, MD, FACS, *Philadelphia, PA*

Mental Practice to Enhance Advanced Laparoscopic Surgical Performance in the Operating Room: A Randomized Controlled Trial

Marisa Louridas, MD; Esther M. Bonrath, MD; Dana A. Sinclair, PhD; Nicolas J. Dedy, MD; Teodor P. Grantcharov, MD, PhD, FACS. *From the University of Toronto, ON*

DISCUSSANT: Areti Tillou, MD, FACS, *Los Angeles, CA*

Influence of a New Patient Safety/Quality Metrics and Cost Containment (PSQC) Curriculum: A Controlled Pre- and Post-Intervention Trial

Jeffery S. Carson, MD; Lynette M. Smith; Sean J. Langenfeld, MD; Kim F. Duncan, MD, FACS; Paul J. Schenarts, MD, FACS; Jon S. Thompson, MD, FACS; David W. Mercer, MD, FACS; Benjamin T. Jarman, MD, FACS; Chandrakanth Are, MB, BS, MBA, FRCS, FACS. *From the University of Nebraska Medical Center, Omaha, and Gundersen Health System, La Crosse, WI*

DISCUSSANT: Vanita Ahuja, MD, MPH, FACS, *York, PA*

The Incidence of Blood and Body Fluid Exposure in Medical Trainees

Kelly N. Vogt, MD, FRCSC; Kenji Inaba, MD, FACS, FRCSC; Galinos Barmparas, MD; Stuart P. Swadron, MD, FRCPC(C), FACEP; Pedro G. Teixeira, MD; Zainab Saadi, MD; Zenon Zuk, MD; Bradley S. Mofat, MD; Demetrios Demetriades, MD, PhD, FACS.

From Los Angeles County Hospital and University of Southern California, Los Angeles, CA

DISCUSSANT: Joseph M. Galante, MD, FACS, Sacramento, CA

Evaluation of a Dedicated Skills Development Rotation for PGY1 General Surgery Residents

Pedro P. Gomez, MD; John R. Admire, MD; Andrew J. Adams, MD; Kent R. Van Sickle, MD; Daniel L. Dent, MD, FACS; Ross E. Willis, PhD. *From the University of Texas Health Science Center at San Antonio*

DISCUSSANT: Moshen Shabahang, MD, FACS, Danville, PA

The New GI Mentor Express: Validity Evidence for a Portable, Lower Cost Platform for the Fundamentals of Endoscopic Surgery

Carmen L. Mueller, MD; Pepa Kaneva; Gerald M. Fried, MD, FACS; John D. Mellinger, MD, FACS; Jeffery M. Marks, MD, FACS; Brian J. Dunkin, MD, FACS; Melina C. Vassiliou, MD, MEd, FACS. *From McGill University Health Centre, Montreal, Quebec; Southern Illinois University School of Medicine, Carbondale, IL; and University Hospitals, Cleveland, OH*

DISCUSSANT: Daniel J. Vargo, MD, FACS, Salt Lake City, UT

A Deliberate Postoperative Debriefing Process Can Effectively Provide Formative Resident Feedback

Mackenzie R. Cook, MD; Jeffrey S. Barton, MD; Sarah Brown; Jennifer M. Watters, MD, FACS; Karen E. Deveney, MD, FACS; Laszlo N. Kiraly, MD, FACS. *From Oregon Health and Science University, Portland*

DISCUSSANT: Gregory S. Cherr, MD, FACS, Buffalo, NY

See One, Do One, Teach Many—The Importance of Resident Seniority on Operative Time in Laparoscopic Cholecystectomy

Edward Gifford, MD; Andrew Nguyen, MD; Dennis Y. Kim, MD; Amy H. Kaji, MD, PhD; Virginia Nguyen; David S. Plurad, MD, FACS; Christian M. deVirgilio, MD, FACS. *From Harbor-University of California Los Angeles Medical Center, Torrance*

DISCUSSANT: Lewis J. Kaplan, MD, FACS, FCCM, FCCP, Philadelphia, PA

SF07 | 2:30 - 5:45 pm

Surgical Oncology/Endocrine I

Location: Moscone South, Esplanade Level, Room 303

TRACK: ONC

MODERATOR: Heather B. Neuman, MD, Madison, WI

CO-MODERATOR: Abigail S. Caudle, MD, FACS, Houston, TX

Evaluation of the Safety and Quality of Videoscopic Inguinal Lymphadenectomy (VIL): Mitigation of Patient Comorbidities by a Minimally Invasive Technique

Malcolm H. Squires, MD; Viraj A. Master, MD, FACS; David A. Kooby, MD, FACS; Maria C. Russell, MD; Monica Rizzo, MD, FACS; Kenneth Ogan, MD; Benjamin M. Martin, MD; Alexandra B. Longwell; Grant W. Carlson, MD, FACS; Keith A. Delman, MD, FACS. *From the Winship Cancer Institute, Emory University, Atlanta, GA*

DISCUSSANT: James W. Jakub, MD, FACS, Rochester, MN

Epidural Catheter Use for the Management of Postoperative Pain in a National Review of Cancer Surgeries: Utilization, Benefits, and Complications

Joshua S. Hill, MD; Kendall W. Carpenter, CCRP; Oluwatosin Ariyo, MPH; Yimei Han; Stephen B. Riggs, MD; Jonathan C. Salo, MD, FACS. *From the Levine Cancer Institute, Charlotte, NC*

DISCUSSANT: Karyn B. Stitzenberg, MD, FACS, Chapel Hill, NC

Metastatic Lymph Node Ratio Is Superior to the 7th Edition American Joint Committee on Cancer (AJCC) pN in Predicting Medullary Thyroid Cancer Mortality

Tricia A. Moo-Young, MD; Chi E. Wang, PhD; David J. Winchester, MD, FACS; Richard A. Prinz, MD, FACS. *From NorthShore University HealthSystems, Chicago, IL, and University of Chicago, IL*

DISCUSSANT: David F. Schneider, MD, Madison, WI

Novel Proteasome Inhibitor Carfilzomib in Combination with Survivin Inhibitor YM155 Induces Enhanced Cytotoxicity in Anaplastic Thyroid Cancer

Amit Mehta; Lisa Zhang, PhD; Myriem Boufraqueh, PhD; Dhaval Patel, MD; Sean R. Davis, MD, PhD; Naris Nilubol; Electron Kebebew, MD, FACS. *From the Endocrine Oncology Branch, NCI, NIH, Bethesda, MD*

DISCUSSANT: James R. Howe, MD, FACS, Iowa City, IA

Prospective Intervention of a Novel Levothyroxine Dosing Protocol Based on Body Mass Index after Thyroidectomy

Dawn M. Elfenbein, MD, MPH; Kristin A. Ojomo, PA; Sarah Schaefer, RN; Cynthia Shumway, LPN; Herbert Chen, MD, FACS; Rebecca S. Sippel, MD, FACS; David F. Schneider, MD. *From the University of Wisconsin, Madison*

DISCUSSANT: Glenda G. Callender, MD, FACS, New Haven, CT

Receptor Tyrosine Kinase Expression in BRCA Mutation Carriers: An Opportunity for Prevention of Invasive Breast Cancer

Rachel Yang, MD; Kathreen Lee, MD; Holly L. Graves, MD; Katherine Nathanson, MD; Susan Domchek, MD; Rachel R. Kelz, MD; Paul Zhang, MD; Brian J. Czerniecki, MD, FACS. *From the University of Pennsylvania, Philadelphia*

DISCUSSANT: Jacqueline S. Jeruss, MD, PhD, FACS, Chicago, IL

Sphingosine-1-Phosphate Signaling Targeted Therapy Suppresses Obesity-Related Breast Cancer Progression and Improves Survival

Masayuki Nagahashi, MD; Akimitsu Yamada; Tomoyoshi Aoyagi, MD, PhD; Krista P. Terracina, MD; Yu Koyama, MD, PhD; Toshifumi Wakai, MD, PhD; Kazuaki Takabe, MD, PhD, FACS. *From the Virginia Commonwealth University, Richmond*

DISCUSSANT: Tari A. King, MD, FACS, New York, NY

Somatic Alterations of CDKN1B Are Associated with Small Bowel Neuroendocrine Tumors

Jessica E. Maxwell, MD, MBA; Scott K. Sherman, MD; Guiying Li, MD; Thomas M. O'Dorisio, MD; James R. Howe, MD, FACS. *From the University of Iowa, Iowa City*

DISCUSSANT: Nita Ahuja, MD, FACS, Baltimore, MD

Identification and Clinical Application of the Cancer-Specific CpG Promoter Domain DNA Methylation of CDO1 in Gastric Cancer

Akira Ema, MD; Keishi Yamashita, MD, PhD, FACS; Hideki Ushiku, MD; Hiroaki Mieno, MD; Kei Hosoda, MD; Hiromitsu Moriya; Natsuya Katada, MD; Shiro Kikuchi; Masahiko Watanabe, MD, PhD, FACS. *From the Kitasato University School of Medicine, Sagami-hara, Japan*

DISCUSSANT: Hong Jin Kim, MD, FACS, *Chapel Hill, NC*

Expression Status of Dendritic Cells in Gallbladder Cancer

Mallika Tewari; Shipra Sahai; Mohan Kumar, MD; Hari S. Shukla, FRCSEd, PhD. *From the Institute of Medical Sciences, Banaras Hindu University, Varanasi, India*

DISCUSSANT: Adam C. Yopp, MD, FACS, *Dallas, TX*

DNA-PKcs Mediated Chemoresistance via RET Signaling

Lyle Burdine, MD, PhD; Alan Tackett, PhD; Marie Schluterman, PhD; Richard H. Turnage, MD, FACS. *From the University of Arkansas for Medical Sciences, Little Rock*

DISCUSSANT: Electron Kebebew, MD, FACS, *Bethesda, MD*

Defining the Detection Threshold for Optical Imaging in Surgical Resection

Melissa L. Korb, MD; Jason M. Warram, PhD; Marie E. Warren; Sharon L. Samuel; Kurt R. Zinn, DVM, PhD; Kirby I. Bland, MD, FACS; Eben L. Rosenthal, MD, FACS. *From the University of Alabama at Birmingham*

DISCUSSANT: Rachael A. Greenup, MD, *Durham, NC*

SF08 | 2:30 - 5:45 pm

Urological and Reproductive Surgery I

Location: Moscone North, Exhibit Level, Room 120

TRACK: URO

MODERATOR: Kirsten L. Greene, MD, FACS, *San Francisco, CA*

CO-MODERATOR: Angela B. Smith, MD, *Durham, NC*

2014 Excellence in Research Award Recipient:

Jeffrey C. Bassett, MD, MPH, *Nashville, TN*

Core Muscle Size Predicts Six-Month Mortality in Patients Undergoing Radical Cystectomy

Tracy M. Downs, MD, FACS; Hailey Allen, MD. *From the University of Wisconsin, Madison*

DISCUSSANT: Viraj Master, MD, FACS, *Atlanta, GA*

Cystectomy and Urinary Diversion for Benign Disease: Indications and Outcomes

Elizabeth T. Brown, MD, MPH; David J. Osborn, MD; Roger R. Dmochowski, MD, FACS; Melissa R. Kaufman, MD, PhD; Stephen Mock, MD; W. Stuart Reynolds, MD, FACS. *From Vanderbilt University, Nashville, TN*

DISCUSSANT: Rodney Davis, MD, FACS, *Little Rock, AR*

Gender, Race, and Variation in the Workup of Hematuria

Jeffrey C. Bassett, MD, MPH; JoAnn Alvarez; Tatsuki Koyama, PhD; Matthew J. Resnick, MD; Chaochen You, MD; Shenghua Ni, PhD; David F. Penson, MD, MPH, FACS; Daniel A. Barocas, MD, MPH, FACS.

From Vanderbilt University Medical Center, Nashville, TN

DISCUSSANT: Arthur I. Sagalowsky, MD, FACS, *Dallas, TX*

Identifying Incidence and Risk Factors for Venous Thromboembolism among Radical Prostatectomy Patients for Prostate Cancer

Josip Vukina, MD; Maxim J. McKibben, MD; Abram McBride, MD; Jonathan Matthews, MPH; Raj Pruthi, MD, FACS; Eric Wallen, MD, FACS; Michael E. Woods, MD, FACS; Matthew Nielsen, MD, FACS; Angela B. Smith, MD. *From the University of North Carolina-Chapel Hill*

DISCUSSANT: Tracy M. Downs, MD, FACS, *Madison, WI*

Multicenter Evaluation of Artificial Urinary Sphincter Insertion after Anastomotic Urethroplasty Following Treatment for Prostate Cancer

Laura Leddy, MD; Jeremy Myers, MD; Christopher McClung, MD; Bryan B. Voelzke, MD, FACS. *From the University of Washington, Seattle, University of Utah, Salt Lake City, and Ohio State University, Columbus*

DISCUSSANT: Gerald H. Jordan, MD, FACS, *Virginia Beach, VA*

Lymphatic Drainage in Renal Cell Carcinoma: Back to the Basics

Riaz Karmali; Hiroo Suami, MD, PhD; Christopher G. Wood, MD, FACS; Jose A. Karam, MD. *From the University of Texas MD Anderson Cancer Center, Houston*

DISCUSSANT: Arthur I. Sagalowsky, MD, FACS, *Dallas, TX*

Longer Operative Times Predict Increased Length of Stay following Cystectomy

Abram McBride, MD; Maxim J. McKibben, MD; Josip Vukina, MD; Jonathan Matthews, MPH; Raj Pruthi, MD, FACS; Eric Wallen, MD, FACS; Michael E. Woods, MD, FACS; Matthew Nielsen, MD, FACS; Angela B. Smith, MD. *From the University of North Carolina-Chapel Hill*

DISCUSSANT: Tracy M. Downs, MD, FACS, *Madison, WI*

Operative Times as a Predictor of Length of Stay Following Nephrectomy

Maxim J. McKibben, MD; Josip Vukina, MD; Abram McBride, MD; Jonathan Matthews, MPH; Mathew Raynor, MD; Raj Pruthi, MD, FACS; Eric Wallen, MD, FACS; Michael E. Woods, MD, FACS; Matthew Nielsen, MD, FACS; Angela B. Smith, MD. *From the University of North Carolina-Chapel Hill*

DISCUSSANT: Tracy M. Downs, MD, FACS, *Madison, WI*

Patients Prefer the Use of a Patient Decision-Making Aid When Discussing Surgical Options for Nephrolithiasis

Necole M. Streeper, MD; Brian C. Sninsky, MD; Kristina L. Penniston, PhD; Sara L. Best, MD; Stephen Y. Nakada, MD, FACS. *From the University of Wisconsin-Madison*

DISCUSSANT: Viraj Master, MD, FACS, *Atlanta, GA*

Patients with Body Mass Index >60 Have Equivalent Outcomes after Percutaneous Nephrolithotomy Compared to Morbidly Obese Patients: Single Center Study

Necole M. Streeper, MD; Andrew C. Radtke, MD; Kristina L. Penniston, PhD; Stephen Y. Nakada, MD, FACS. *From the University of Wisconsin-Madison*
DISCUSSANT: Joshua A. Broghammer, MD, FACS, *Kansas City, KS*

Recommendations on Prostate Cancer Screening from Query Results on Main Search Engines Google, Bing, and Yahoo!

Philip Zhao, MD; Danielle Velez; Neal Patel, MD; Robert Weiss, MD. *From Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ*
DISCUSSANT: Daniel J. Canter, MD, *Elkins Park, PA*

Standardizing Care after Radical Cystectomy, a Means to Improve Quality and Outcomes

William P. Parker, MD; Zachary Hamilton, MD; Samuel Hund; Moben Mirza, MD, FACS; Eugene Lee, MD; Jeffrey M. Holzbeierlein, MD, FACS. *From the University of Kansas Medical Center, Kansas City*
DISCUSSANT: Rodney Davis, MD, FACS, *Little Rock, AR*

Systematic Review and Comparison of Suprapubic and Transurethral Catheter-Related Complications in the Postoperative Setting

Philip Zhao, MD; Danielle Velez; Christopher Han, MD; Neal Patel, MD; Robert Weiss, MD. *From Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ*
DISCUSSANT: Hunter B. Wessells, MD, FACS, *Seattle, WA*

The Influence of Testosterone Replacement Therapy in Older Men: An Age and Comorbidity Matched Cohort Study

Ranjith Ramasamy, MD; Jason M. Scovell; Larry Lipshultz, MD, FACS. *From the Baylor College of Medicine, Houston, TX*
DISCUSSANT: Peter N. Schlegel, MD, FACS, *New York, NY*

SF09 | 2:30 - 5:45 pm

Vascular Surgery I

Location: Moscone South, Esplanade Level, Room 305

TRACK: VAS

MODERATOR: Melina R. Kibbe, MD, FACS, *Chicago, IL*
CO-MODERATOR: Katherine A. Gallagher, MD, *Ann Arbor, MI*

2014 Excellence in Research Award Recipient:
Jeffery S. Carson, MD, *Omaha, NE*

A Risk Prediction Model for Perioperative Mortality Following Open Complex Aortic Aneurysm Repair

Robert T. Lancaster, MD, MPH; Eric Twerdahl, MD; Shankha Mukhopadhyay; Jahan Mohebbi, MD; Christopher J. Kwolek, MD; Mark F. Conrad, MD; Richard P. Cambria, MD, FACS; Virendra I. Patel, MD, MPH. *From Massachusetts General Hospital, Boston*
DISCUSSANT: Nicholas H. Osborne, MD, *Ann Arbor, MI*

Endoplasmic Reticulum Stress Promotes Macrophage Differentiation to Foam Cells

Kenneth Howell, MD. *From the University of Colorado, Aurora, CO*
DISCUSSANT: Edith Tzeng, MD, FACS, *Pittsburgh, PA*

Prospective Evaluation of Changes in Superficial Vein Diameters following Hemodialysis: Implications for Decision-Making during Conduit Assessment

Kelly Kempe, MD; Tim Craven, MPH; Dalila White; Matthew S. Edwards, MD, FACS; Pirouz Daeiagh, MD; Luke P. Brewster, MD, PhD, FACS; Erik Wayne, MD; Matthew A. Corriere, MD, FACS. *From the Wake Forest University School of Medicine, Winston-Salem, NC*
DISCUSSANT: Louis L. Nguyen, MD, MBA, MPH, FACS, *Boston, MA*

Fabrication of Durable, Perfusable Microvessels within Tissue Engineered Constructs

Rachel Campbell Hooper, MD; Adam Jacoby; Ope A. Asanbe, MD; Hector L. Osoria; Tarek Elshazly; Jason A. Spector, MD, FACS. *From the Weill Cornell Medical College, New York, NY*
DISCUSSANT: Luke P. Brewster, MD, PhD, FACS, *Atlanta, GA*

Inhaled Carbon Monoxide Induces a Phenotypic Shift in Macrophages

Andrew E. Leake, MD; Guiying Hong; Kent R. Zettel, MD; Mostafa H. Ramadan, MB, BCh; Edith Tzeng, MD, FACS. *From the University of Pittsburgh Medical Center, PA*
DISCUSSANT: Kathleen G. Raman, MD, FACS, *St. Louis, MO*

Upregulation of Toll-like Receptor 2 (TLR2) on Endothelial Cells (EC) Is Dependent on Extracellular Matrix (ECM) Composition and Integrin Engagement

Jia Xu, PhD; Kelly Benabou; Jun Xu, MD; Xiangdong Cui, MD; Ulka Sachdev, MD, FACS. *From the University of Pittsburgh Medical Center, PA*
DISCUSSANT: Peter K. Henke, MD, FACS, *Ann Arbor, MI*

Xanthine Oxidoreductase As an Oxygen Sensor in Endothelial Function

Ankur J. Shukla, MD; Chris Washington, MD; Michael C. Madigan, MD; Guiying Hong; Edith Tzeng, MD, FACS. *From the University of Pittsburgh Medical Center, PA*
DISCUSSANT: Alan Dardik, MD, FACS, *New Haven, CT*

The Impact of Elective Endovascular Repair (EVAR) of Abdominal Aortic Aneurysms (AAA) on Training Vascular Surgery Residents in Open Aneurysm Repair

Michael P. Harlander-Locke, MPH; Peter F. Lawrence, MD, FACS; William J. Quinones-Baldrich, MD, FACS; Wesley S. Moore, MD, FACS. *From the University of California-Los Angeles*
DISCUSSANT: Dawn M. Coleman, MD, *Ann Arbor, MI*

When to Start Counting: Differences in 30-Day After Procedure and 30-Day after Discharge Readmissions following Lower Extremity Revascularization

Scott M. Damrauer, MD; Ann C. Gaffey, MD; Ann D. Smith, MD; Ronald M. Fairman, MD; Louis L. Nguyen, MD, MBA, MPH, FACS. *From the Hospital*

of the University of Pennsylvania, Philadelphia, and Brigham and Women's Hospital Boston, MA

DISCUSSANT: Shipra Arya, MB, BS, Atlanta, GA

Concentration of Regulatory T-Cells in Abdominal Aortic Aneurysms (AAA) Correlates with Interleukin-1 β Secretion by Activated CD4+ T-Cells

Jeffery S. Carson, MD; Wanfen Xiong, MD, PhD; Fang Yu, PhD; Matthew Dale; Trevor Meisinger; Cameron J. Killen; Edward J. Powers; John B. Mitchell; Jennifer M. Worth, MD; Timothy Baxter, MD. *From the University of Nebraska Medical Center, Omaha*

DISCUSSANT: Ulka Sachdev, MD, FACS, Pittsburgh, PA

Tuesday, October 28

SF10 | 8:00 - 11:15 am

Cardiothoracic Surgery I

Location: Moscone North, Exhibit Level, Room 121/124

TRACK: CTS

MODERATOR: Edward P. Chen, MD, FACS, Atlanta, GA

MODERATOR: K. Robert Shen, MD, FACS, Rochester, MN

Role of Hepatic Dysfunction in Outcomes after Cardiac Surgery

Khalil Masabni, MD; Aldo Rafael, MD; Edward G. Soltesz, MD; Lucy Thuita; William D. Carey, MD; Eugene H. Blackstone, MD; Douglas R. Johnston, MD. *From the Cleveland Clinic, OH*
DISCUSSANT: Michael P. Fischbein, MD, FACS, Stanford, CA

Cardiac Operation May Be Performed in Patients Awaiting Liver Transplant with Reasonable Risk

Joseph M. Monfre, MD; Andrea J. Carpenter, MD, PhD, FACS; Lisa Thomas, MD. *From the University of Texas Health Science Center San Antonio*
DISCUSSANT: Philip J. Hess, Jr., MD, FACS, Gainesville, FL

Structural and Growth Effects of Diaphragmatic Function after Murine Pneumectomy

Barry C. Gibney, DO; Alexandra B. Ysasi; Janeil M. Belle, MD; Willi L. Wagner; Mortiz A. Konerding, MD; Akira Tsuda, PhD; Steven J. Mentzer, MD, FACS. *From Brigham and Women's Hospital, Boston, MA*

DISCUSSANT: Juan B. Grau, MD, FACS, Ridgewood, NJ

Effects of Prolyl-4-Hydroxylase 2 (PHD-2) Gene Deletion on Cardiac MicroRNA Expression and Ventricular Function Following Myocardial Infarction: A Cardiac-Specific Mouse Knockout Model

Inam A. Shaikh; Mandip Joshi, MD; Vaithinathan Selvaraju, PhD; Mahesh Thirunavukkarasu, PhD; Leonidas Tapias, MD; Juan A. Sanchez, MD, FACS; J. Alexander Palesty, MD, FACS; David W. McFadden, MD, FACS; Nilanjana Maulik, PhD, FAHA. *From the University of Connecticut Health Center, Farmington, and St. Mary's Hospital, Waterbury, CT*

DISCUSSANT: Elaine G. Tseng, MD, FACS, San Francisco, CA

Evaluation of the Accuracy of Endoscopic Ultrasound for Stage I Esophageal Cancer

Valentino Bianco, DO; Michael Sablowski; Kunal S. Mehta; Alexandra Hamilton; David Odell, MD; William E. Gooding; James D. Luketich, MD, FACS; Arjun Pennathur, MB, BS, FACS. *From the University of Pittsburgh Medical Center, PA*

DISCUSSANT: Shanda H. Blackmon, MD, MPH, FACS, Houston, TX

CTEN Regulates Clonogenic Proliferation of Human Lung Adenocarcinoma Cells and Is Regulated by ERK

Daine T. Bennett, MD; Neil M. Venardos, MD; Lisa S. Foley, MD; Jessica Y. Rove, MD; Xianzhong Meng, PhD; Thomas B. Reece, MD, FACS; David A. Fullerton, MD, FACS; Michael J. Weyant, MD, FACS. *From the University of Colorado Denver, and Anschutz Medical Campus, Aurora, CO*

DISCUSSANT: Juan B. Grau, MD, FACS, Ridgewood, NJ

A Reproducible Model of Right Heart Failure by Pulmonary Artery Banding via Left Thoracotomy

Amy G. Fiedler, MD; Jahan Mohebbi, MD; Marisa Cevasco, MD; Michael H. Kwon, MD; Rita Laurence; Andrea Worthington; John A. Fox, MD; Frederick Y. Chen, MD, FACS. *From Brigham and Women's Hospital, Boston, MA*

DISCUSSANT: Mark B. Ratcliffe, MD, San Francisco, CA

K-ATP Channel Opener Aprikalim Prevents Ischemic Spinal Cord Injury through Inhibition of Apoptosis and Modulation of Nitric Oxide Synthase Isoforms

Ioannis K. Toumpoulis, MD; Vasileios A. Lozos, MD; Georgios Agogiannis, MD; Themistokles P. Chamo-georgakis, MD; Ioannis K. Rizos, MD; Efstratios S. Patsouris, MD; Constantine E. Anagnostopoulos, MD; Chris K. Rokkas, MD. *From Attikon University Hospital Center, Athens, Greece*

DISCUSSANT: Bradley Leshnower, MD, Atlanta, GA

Complete vs. Incomplete Revascularization in Patients Undergoing Aortic Valve Replacement with Coronary Artery Disease

Nicolas H. Pope, MD; Damien J. LaPar, MD; Ivan K. Crosby, MD, FACS; Jeffery B. Rich, MD; Alan M. Speir, FACS, MD; Irving L. Kron, MD, FACS; Gorav Ailawadi, MD, FACS. *From the University of Virginia, Charlottesville; INOVA Heart and Vascular Institute, Falls Church, VA; and Sentara Heart Hospital, Norfolk, VA*

DISCUSSANT: R. Scott Mitchell, MD, FACS, Stanford, CA

Bone Marrow Induces STAT3 Pathway Activation in a Model of Disseminated Non-Small Cell Lung Cancer Cells

Antonio Coppolino III, MD; Christopher J. Agrusa, MD; Esi Kajino, Seongho Ryu, PhD; Raffaella Sordella, PhD; Nasser K. Altorki, MD, FACS; Brendon M. Stiles, MD, FACS. *From the Weill Cornell Medical College, New York, NY, and Cold Spring Harbor Laboratory, Cold Spring Harbor, NY*

DISCUSSANT: Juan B. Grau, MD, FACS, Ridgewood, NJ

Outcomes After Surgical Resection of Pulmonary Carcinoid Tumors

Ikenna C. Okereke, MD, FACS; Elizabeth D. Fox, MD; Angela M. Taber, MD; Rogers C. Griffith, MD;

Thomas T. Ng, MD, FACS. *From Brown University, Providence, RI*

DISCUSSANT: Juan B. Grau, MD, FACS, *Ridgewood, NJ*

Assessment of Vascular Growth After Surgical and Transcatheter Interventions (TCI) in Patients with Pulmonary Atresia, Ventricular Septal Defect and Major Aortopulmonary Collateral Arteries (PA-VSD-MAPCAs)

Ramone S. Eldemire; I. Ricardo Argueta-Morales, MD; Briana Gapsis, MD; Darren Berman, MD; Robert Hannan, MD; David Nykanen, MD; William M. DeCampi, MD, PhD, FACS. *From the Heart Center at Arnold Palmer Hospital for Children, Orlando, FL, and The Heart Program, Miami Children's Hospital, Miami, FL*

DISCUSSANT: Kirk R. Kanter, MD, *Atlanta, GA*

SF11 | 8:00 - 11:15 am

Critical Care I/Basic Biology

Location: Moscone South, Esplanade Level, Room 303



TRACKS: GEN, TRA

MODERATOR: Tina S. Mele, MD, FACS, *London, ON*

CO-MODERATOR: Daithi J. Heffernan, MD, *Providence, RI*

Mild Traumatic Brain Injury Improves Murine Neutrophil Phagocytosis

Elizabeth G. King, MD; Evan L. Chiswick, PhD; Terry Hsieh; Daniel Remick, MD. *From the Boston University School of Medicine, MA*

DISCUSSANT: Ziad C. Sifri, MD, FACS, *Newark, NJ*

Peritoneal Macrophage Activation and Phenotype Changes Following Polymicrobial Sepsis Is Dependent upon iNKT-cells

John S. Young, MD; Chun-Shiang Chung, PhD; Whitney A. Young, MD; William G. Cioffi, Jr., MD, FACS; Alfred Ayala, PhD; Daithi S. Heffernan, MD, FRCSI. *From Brown University, Providence, RI*

DISCUSSANT: Moderator(s)

The Anti-Inflammatory Effect of AICAR in Sepsis Is Mediated by AMPKα2 in the Hypothalamus

Nikhil Mulchandani, MD; Weng-Lang Yang, PhD; Fangming Zhang, MD, PhD; Jeffrey M. Nicastro, MD, FACS; Gene F. Coppa, MD, FACS; Ping Wang, MD. *From Hofstra North Shore-LIJ School of Medicine, Manhasset, NY, and Feinstein Institute for Medical Research, Manhasset, NY*

DISCUSSANT: Rachel G. Khadaroo, MD, *Edmonton, AB*

Activation of Sirtuin1 Stimulates Energy Metabolism and Ameliorates Hepatic Injury after Ischemia-Reperfusion

Adam Khader, MD; Weng-Lang Yang, PhD; Andrew Godwin, MD; Jose M. Prince, MD, FACS; Jeffrey M. Nicastro, MD, FACS; Gene F. Coppa, MD, FACS; Ping Wang, MD. *From Hofstra North Shore-LIJ School of Medicine, Manhasset, NY; Elmezzzi Graduate School of Molecular Medicine, Manhasset, NY; and The Feinstein Institute for Medical Research, Manhasset, NY*

DISCUSSANT: Francis D. Moore, MD, FACS, *Boston, MA*

ATP-P2X7 Receptor Activation Improves Survival in Microbial Sepsis by Attenuating Systemic Inflammation

Zoltan H. Nemeth, MD, PhD; Balazs Csoka, PhD; Balazs Koscsó, PhD; Endre Kokai, PhD; Louis T.

DiFazio, MD, FACS; Rolando H. Rolandelli, MD, FACS; Gyorgy Hasko, MD, PhD. *From the Morristown Medical Center, NJ, and Rutgers - New Jersey Medical School, Newark*

DISCUSSANT: Hasan B. Alam, MD, FACS, *Ann Arbor, MI*

Microvascular Acclimatization to Chronic Hypoxia Attenuates Microvascular Hyperpermeability Following Hemorrhagic Shock/Resuscitation via iNOS

Jessica L. Hogan, MD; John Wood, PhD; James M. Howard, MD, FACS; Michael Moncure, MD, FACS. *From the University of Kansas Medical Center, Kansas City*

DISCUSSANT: Moderator(s)

Tissue Inhibitor of Metalloproteinases-2 (TIMP2) Inhibits Hemorrhagic Shock (HS) Induced Vascular Hyperpermeability

Katie C. Wiggins-Dohlvik, MD; Hayden W. Stagg, MD; Chinchusha Anasooya Shaji; Ryan P. Oakley; Himakarnika Alluri; Dhriti Mukhopadhyay, MD; Lena Perger, MD; Matthew L. Davis, MD; Binu Tharakan, PhD. *From Baylor Scott and White Memorial Hospital, Temple, TX, and Texas A&M Health Science Center College of Medicine, Temple*

DISCUSSANT: Jose M. Prince, MD, FACS, *New Hyde Park, NY*

Mild Systemic Zinc Imbalance Delays Recovery in a Mouse Model of Surgically-Induced Ileus: Is It Driven by Disturbances in the Cytokine Network or Pro-Inflammatory Components of the Lipidome?

Abby K. Geletzke, MD; Brett E. Phillips, PhD; Philip B. Smith, PhD; Abigail B. Podany, MD; Shannon L. Kelleher, PhD; Andrew D. Patterson, PhD; David I. Soybel, MD, FACS. *From the Penn State Milton S. Hershey Medical Center, PA*

DISCUSSANT: Moderator(s)

Cutaneous Thermal Injury Increases Leukocyte Adherence in Rat Mesenteric Venules by a Reactive Oxidant-Dependent Mechanism

Claire Pederson, MD; John Wood, PhD; Michael Moncure, MD, FACS; James M. Howard, MD, FACS. *From the University of Kansas Medical Center, Kansas City*

DISCUSSANT: Matthew L. Davis, MD, FACS, *Temple, TX*

Oridonin Inhibits Burn Injury-Induced Activation and Inflammatory Signaling of Hepatic Stellate Cells

Fredrick J. Bohanon, MD; Xiaofu Wang; David N. Herndon, MD, FACS; Amina El Ayadi, PhD; Ye Ding, PhD; Michael Wetzel; Cristiana Rastellini, MD; Celeste C. Finnerty, PhD; Jia Zhou, PhD; Ravi Radhakrishnan, MD, FACS. *From the University of Texas Medical Branch, Galveston*

DISCUSSANT: David G. Greenhalgh, MD, FACS, *Sacramento, CA*

Oncostatin M Primes Macrophages for an Enhanced Pro-Inflammatory Response

Rachel G. Khadaroo, MD, PhD; Pang Y. Young, MD; Qasim N. Mian; Jeremy C. Young; Catherine A. Compston; Thomas F. Mueller, MD, PhD. *From the University of Alberta, Edmonton, AB*

DISCUSSANT: Moderator(s)

Cyclosporine Is Protective in a Rat Model of Hemorrhagic Shock by Dual Inhibition of Mitochondrial Permeability Transition Pores and Calcineurin

George Younan, MD; Francis D. Moore, Jr., MD, FACS. *From Brigham and Women's Hospital, Boston, MA, and Inova Fairfax Hospital, VA*

DISCUSSANT: David I. Soybel, MD, FACS, *Boston, MA*

SF12 | 8:00 - 11:15 am

Plastic and Maxillofacial Surgery I

Location: Moscone North, Exhibit Level, Room 123

TRACK: PLA

MODERATOR: Derrick C. Wan, MD, FACS, *Stanford, CA*

CO-MODERATOR: Robert D. Galiano, MD, *Chicago, IL*

2014 Excellence in Research Award Recipient:

Zeshaan N. Maan, MB, BS, MRCS, *Stanford, CA*

Diminished Recruitment of Resident Skeletal Progenitor Cells in Diabetic Fracture Healing

Ruth Tevlin, MB, BAO, BCh, MRCSI; Elly Seo; Adrian McArdle, MB, BCh, BAO, MRCSI; Owen Marecic; Taylor Wearda; Kshemendra Senarath-Yapa, MB, BChir, MRCS; Elizabeth R. Zielins, MD; Charles K. Chan, PhD; Irving L. Weissman, MD; Michael T. Longaker, MD, MBA, FACS. *From Stanford University, CA*

DISCUSSANT: Moderator(s)

Endothelial Cell Derived SDF-1 Regulates Neovascularization and Fibroblast Physiology in Response to Ischemia

Zeshaan N. Maan, MB, BS, MRCS; Alexander J. Whittam; Dominik Duscher, MD; Michael S. Hu, MD, MPH; Robert C. Rennert, MD; Lauren H. Fischer, MD; Graham G. Walmsley; Arneetha J. Whitmore; Michael T. Longaker, MD, MBA, FACS; Geoffrey C. Gurtner, MD, FACS. *From Stanford University School of Medicine, CA*

DISCUSSANT: Moderator(s)

Heterochronic Parabiosis Rejuvenates Aged Bones

Adrian McArdle, MB, BCh, BAO, MRCSI; Ruth Tevlin, MB, BAO, BCh, MRCSI; Owen Marecic; Taylor Wearda; Kshemendra Senarath-Yapa, MB, BChir, MRCS; Graham G. Walmsley; Michael P. Snyder, PhD; Irving L. Weissman, MD; Charles K. Chan, PhD; Michael T. Longaker, MD, MBA, FACS. *From Stanford University, CA*

DISCUSSANT: Moderator(s)

Impaired Angiogenesis—A Critical Contributor to Problematic Fracture Healing in Diabetes

Ruth Tevlin, MB, BAO, BCh, MRCSI; Adrian McArdle, MB, BAO, BCh, MRCSI; Kshemendra Senarath-Yapa, MB BChir, MRCS; Melanie Rodrigues, PhD; Zeshaan N. Maan, MB, BS, MRCS; Shuli Li, MD, PhD; Charles K. Chan, PhD; John Brunski, PhD; Geoffrey C. Gurtner, MD, FACS. *From Stanford University, CA*

DISCUSSANT: Moderator(s)

Extended Immunosuppressive Therapy in a Non-Myeloablative Conditioning Regimen: Achieving Tolerance in VCA while Reducing Risk of GHVD

Bruce J. Swearingen, MD; Jeff Chang, MD; Tiffany Butts; Scott Graves, PhD; Rainer Storb, MD; David

W. Mathes, MD, FACS. *From the Fred Hutchinson Cancer Research Center, Seattle, WA*

DISCUSSANT: Moderator(s)

Epidermal Aquaporin-3 Expression Is Increased in the Burn Wound Following a Cutaneous Thermal Injury

Jamil Matthews, MD; Raul Sebastian, MD; Parker Fillmore, MD; Leigh Ann Price, MD; Ramana Sidhayee, MD; Stephen Milner, DDS, MD, FACS. *From the Johns Hopkins University School of Medicine, Baltimore, MD*

DISCUSSANT: Moderator(s)

Angiotensin II Stimulates Canonical TGF β Signaling Pathway through Angiotensin Receptor 1 to Induce Granulation Tissue Contraction

Manuel A. Medina, MD; George Li; Latif Bashirov, MD; Gerard Globe, PhD; Howard Levinson, MD, FACS. *From New York Hospital Queens-Weill Cornell Medical College, Flushing, NY, and Duke University Medical Center, Durham, NC*

DISCUSSANT: Moderator(s)

Identification and Targeted Inhibition of a Fibroblast Lineage Responsible for Skin Scarring and Cancer Stroma

Graham G. Walmsley; Yuval Rinkevich, PhD; Michael S. Hu, MD, MPH; Daniel T. Montoro; Adrian McArdle, MB, BCh, BAO, MRCSI; Elizabeth R. Zielins, MD; Zeshaan N. Maan, MB, BS, MRCS; H. Peter Lorenz, MD, FACS; Irving L. Weissman, MD; Michael T. Longaker, MD, MBA, FACS. *From the Stanford University School of Medicine, CA*

DISCUSSANT: Moderator(s)

In Situ Macrophage Proliferation Changes Wound Healing Process

Harshini Sarojini, PhD; Adrian T. Billeter, MD, PhD; Devin Druen; Sarah Eichenberger; Yong Siow, PhD; Cuibo Yang, MD; Hiram C. Polk, MD, FACS; Sufan Chien, MD. *From the University of Louisville, KY*

DISCUSSANT: Moderator(s)

MicroRNA-26a Silencing in a Murine Model of Diabetic Wound Healing

Christoph S. Nabzdyk, MD; Basak Icli, PhD; Jorge Lujan-Hernandez, MD; Meghan Cahill; Giorgio Giatsidis, MD; Dennis P. Orgill, MD, FACS; Mark W. Feinberg, MD. *From Brigham and Women's Hospital, Boston, MA*

DISCUSSANT: Moderator(s)

Blood-Derived Mesenchymal Stem Cells Heal Calvarial Defects and Promote Wound Healing

Michael S. Hu, MD, MPH; Ke-Jung Huang, PhD; Shaowei Li, MD; Jen-Chieh Wu, PhD; David D. Lo, MD; Jeong S. Hyun, MD; Michael T. Chung, MD; Min Hu, MD, PhD; Michael T. Longaker, MD, MBA, FACS; H. Peter Lorenz, MD, FACS. *From Stanford University, CA, and University of Hawaii, Honolulu*

DISCUSSANT: Moderator(s)

Response of Skeletal Progenitor Cells to Fracture Injury in a Mouse Model

Owen Marecic; Adrian McArdle, MB, BCh, BAO, MRCSI; Elly Seo; Ruth Tevlin, MB, BAO, BCh, MRCSI; Chris Duldulao; Taylor Wearda; Charles Chan, PhD; Irving L. Weissman, MD, FACS; Michael

T. Longaker, MD, MBA, FACS. *From Stanford University, CA*

DISCUSSANT: Moderator(s)

SF13 | 8:00 - 11:15 am

Quality, Safety, and Outcomes II

Location: Moscone South, Esplanade Level, Room 302

TRACKS: EDU, HP

MODERATOR: Rachel R. Kelz, MD, FACS, *Philadelphia, PA*

MODERATOR: Gregory D. Kennedy, MD, PHD, FACS, *Madison, WI*

Measuring and Improving Appropriateness of Carotid Endarterectomy and Stenting in Clinical Practice

Craig M. Jarrett, MD, MBA; Creagh Milford, DO, MPH; Ido Weinberg, MD; Andrew N. Rassi, MD; Jessica Chubiz; Richard P. Cambria, MD, FACS; Michael R. Jaff, DO; Timothy Ferris, MD, MPH. *From the Massachusetts General Hospital, Boston*

DISCUSSANT: Louis L. Nguyen, MD, FACS, *Boston, MA*

Is Recent Myocardial Infarction Associated with Postoperative Myocardial Infarction Risk in the Era of Coronary Stenting?

Carla N. Holcomb, MD; Laura A. Graham, MPH; Joshua S. Richman, MD, PhD; Thomas M. Maddox, MD; Kamal M.F. Itani, MD, FACS, MD; Mary T. Hawn, MD, MPH, FACS. *From the University of Alabama at Birmingham*

DISCUSSANT: Sandra L. Wong, MD, FACS, *Ann Arbor, MI*

Benchmarking the Quality of Intraoperative Surgical Care: Risk-Adjustment for Procedure Complexity and Previous Surgery Is Crucial

Michail Mavros, MD; George C. Velmahos, MD, PhD, FACS; Andreas Larentzakis, MD, PhD; Daniel D. Yeh, MD; Peter J. Fagenholz, MD; Marc DeMoya, MD; David R. King, MD, FACS; Jarone Lee, MD, MPH; Haytham M.A. Kaafarani, MD, MPH. *From Massachusetts General Hospital, Harvard Medical School, Boston, and Medstar Washington Hospital Center, Washington, DC*

DISCUSSANT: Jon D. Vogel, MD, FACS, *Denver, CO*

Evaluating the Surgical Apgar Score in the VA

Joshua S. Richman, MD, PhD; William Henderson, PhD; Michael Bronsert, PhD; Terri Monk, MD; Mary T. Hawn, MD, MPH, FACS. *From Birmingham VA Medical Center, Birmingham, AL*

DISCUSSANT: Luke M. Funk, MD, *Madison, WI*

Do Past Mortality Rates Predict Future Hospital Mortality?

Taylor M. Coe; Samuel E. Wilson, MD, FACS; David C. Chang, PhD, MPH, MBA. *From the University of California, San Diego, and University of California, Irvine*

DISCUSSANT: Amir A. Ghaferi, MD, *Ann Arbor, MI*

Does Hospital Proficiency Vary for Melanoma Sentinel Lymph Node Biopsies? An Evaluation of Hospital-Level Adjusted Node Positivity Rates and Outcomes

Christine V. Kinnier, MD; Jeanette W. Chung, PhD; Jennifer L. Paruch, MD; Jeffrey D. Wayne, MD; Merrick I. Ross, MD; David P. Winchester, MD, FACS; Karl Y. Bilimoria, MD, FACS. *From Northwest-*

ern University, Chicago, IL, Massachusetts General Hospital, Boston

DISCUSSANT: Mark B. Faries, MD, FACS, *Santa Monica, CA*

History of MRSA Infection Considerably Increases Risk of Surgical Site Infection in Ventral Hernia Repair

Jenny Ousley; Rebecca B. Baucom, MD; Michael D. Holzman, MD, MPH, FACS; Jesse M. Ehrenfeld, MD, MPH; Kenneth W. Sharp, MD, FACS; William H. Nealon, MD, FACS; Benjamin K. Poulouse, MD, MPH, FACS. *From the Vanderbilt University Medical Center, Nashville, TN*

DISCUSSANT: E. Patchen Dellinger, MD, FACS, *Seattle, WA*

Understanding Quality Improvement: A Tale of Two Implementations of Preoperative Chlorhexidine Bathing

Elizabeth C. Wick, MD, FACS; Deborah B. Hobson, RN, BSN; Ronald Bleday, MD, FACS; Claro Pio Roda; Ira L. Leeds, MD. *From Johns Hopkins, Baltimore, MD, and Brigham and Women's Hospital, Boston, MA*

DISCUSSANT: Anne Y. Lin, MD, FACS, *Los Angeles, CA*

Impact of Socioeconomic Disparities on Outcomes of Urgent Surgical Care in the U.S.

Janet P. Edwards, MD, MPH; Brittany Dingley, MD; Abdel Aziz Shaheen, MD, MPH; Chad G. Ball, MD, FACS; Morad Hameed, MD; Sean C. Grondin, MD, FACS; Elijah Dixon, MD, FACS. *From the University of Calgary, AB, and University of British Columbia, Vancouver*

DISCUSSANT: Daniel N. Holena, MD, FACS, *Philadelphia, PA*

Outcomes and Discharge Destination Following Emergent Colectomy in Older Adults

Zaid Abdelsattar, MD; Andrew A. Gonzalez, MD, JD, MPH; Samantha Hendren, MD, MPH, FACS; Scott E. Regenbogen, MD, FACS; Sandra L. Wong, MD, FACS. *From the University of Michigan, Ann Arbor*

DISCUSSANT: Rocco Ricciardi, MD, FACS, *Burlington, MA*

Injury Prevention Programs Against Distracted Driving: Are They Effective?

Bardiya Zangbar, MD; Bellal Joseph, MD, FACS; Viraj Pandit, MD; Narong Kulvatunyou, MD, FACS; Sandeep S. Bains; Andrew L. Tang, MD, FACS; Terence O'Keeffe, MBChB, FACS; Donald J. Green, MD, FACS; Randall S. Fries, MD, FACS; Peter M. Rhee, MD, FACS. *From the University of Arizona, Tucson*

DISCUSSANT: Suresh Agarwal, MD, FACS, *Madison, WI*

Outcomes Improvement Is Not Continuous Along the Learning Curve for Pancreaticoduodenectomy

Taylor M. Coe; Samuel E. Wilson, MD, FACS; Mark A. Talamini, MD, FACS; David C. Chang, PhD, MPH, MBA. *From the University of California, San Diego; University of California, Irvine; and Stony Brook Medicine, NY*

DISCUSSANT: Taylor S. Riall, MD, PhD, FACS, *Galveston, TX*

SF14 | 8:00 - 11:15 am

Surgical Oncology/Endocrine II*Location: Moscone North, Exhibit Level, Room 122/125*

TRACK: ONC

MODERATOR: Eugene A. Choi, MD, FACS, *Chicago, IL*MODERATOR: Curtis J. Wray, MD, FACS, *Houston, TX*

2014 Excellence in Research Award Recipient:

Jeniann Yi, MD, *Denver, CO***Identification of Kruppel-Like Factor 6 (KLF6) as a Differentially Expressed Transcription Factor and Tumor Suppressor in Well Differentiated and Dedifferentiated Liposarcoma through Unbiased Epigenetic Approaches**

Emily Z. Keung, MD; Kunal Rai, PhD; Kadir C. Akdemir, PhD; Ghadah A. Al Sannaa, MD; Jeannine Garnett, PhD; Keila E. Torres, MD; Alexander J. Lazar, MD, PhD; Lynda Chin, MD. *From the University of Texas MD Anderson Cancer Center, Houston, and Brigham and Women's Hospital, Harvard Medical School, Boston, MA*

DISCUSSANT: Frederick C. Eilber, MD, FACS, *Los Angeles, CA*

PD-1/PD-L1 Blockade Enhances the Efficacy of Imatinib in Gastrointestinal Stromal Tumor

Adrian M. Seifert, MD; Teresa S. Kim, MD; Jonathan B. Greer, MD; Noah A. Cohen, MD; Michael J. Beckman, MD; Juan A. Santamaria-Barria, MD; Shan Zeng, MD, PhD; Megan H. Crawley; Benjamin L. Green; Ronald P. DeMatteo, MD, FACS. *From the Memorial Sloan Kettering Cancer Center, New York, NY*

DISCUSSANT: Waddah B. Al-Refaie, MD, FACS, *Washington, DC*

Sorafenib Suppresses Translation in Desmoid Tumors via Inhibition of mTOR Signaling

Laura M. Rosenberg, MD; Charles H. Yoon, MD, PhD, FACS; Monica M. Bertagnolli, MD, FACS; Nancy L. Cho, MD, FACS. *From Massachusetts General Hospital, Harvard Medical School, Boston, MA, Brigham and Women's Hospital, Harvard Medical School, Boston, MA*

DISCUSSANT: Aimee M. Crago, MD, PhD, FACS, *New York, NY*

Defining a Conserved Role for Palladin in Tumor Progression

Austin Cannon; Meredith K. Owen, PhD; Emily H. Chang, MD; Brian C. Klazynski, MD; Jonathan Hollyfield, MD; Michael Kerber, PhD; Carol Otey, PhD; Hong Jin Kim, MD, FACS. *From the University of North Carolina School of Medicine, Chapel Hill*

DISCUSSANT: Sajid A. Khan, MD, *New Haven, CT*

MicroRNAs in Pancreatic Fibroblast Induced by Tumor Cells

Andrew H. Nguyen, MD; Luyi Li; Paul A. Toste, MD; Nanping Wu; Timothy R. Donahue, MD, FACS. *From the David Geffen School of Medicine at University of California, Los Angeles, CA*

DISCUSSANT: Mark Bloomston, MD, FACS, *Portland, OR*

The Liver Regeneration Response after Open and Laparoscopic Left Partial Hepatectomy in an Experimental Porcine Model, Integrated

Constantinos Mammias, MD, PhD; Nikolaos Arkadopoulos MD, PhD, FACS; Nikolaos Kavantzias, MD, PhD; Ismene A. Dontas, DVM, PhD; Georgia Kostopanatiotou, MD, PhD; Thomas Kotsis, MD, PhD; Vasileios Smyrniotis, MD, PhD. *From the Surgical Laboratory of Prof. C. Tountas, Athens, Greece*

DISCUSSANT: James O. Park, MD, FACS, *Seattle, WA*

How Did Virtual Hepatectomy Change Liver Surgery?—1194 Virtual Hepatectomy Experience in Liver Resection and Living Donor Liver Transplantation

Yoshihiro Mise; Junichi Shindoh, MD, PhD; Shouichi Satou, MD; Kenji Miki; Kiyoshi Hasegawa, MD, FACS; Yasuhiko Sugawara; Masatoshi Makuuchi; Norihiro N.K. Kokudo, MD, FACS. *From the University of Tokyo, Japan*

DISCUSSANT: Timothy M. Pawlik, MD, FACS, *Baltimore, MD*

Inhibition of Hypoxia Inducible Factor-1 α Mitigates the Tumorigenic Effects of Radiofrequency Ablation in a Metastatic Murine Colon Adenocarcinoma Model

Jeniann Yi, MD; Gregory J. Jurkovich, MD, FACS; Ernest E. Moore, MD, FACS; Anirban Banerjee, PhD; Kiara Leasia; Philip S. Mehler, MD; Carlton C. Barnett, MD, FACS. *From the University of Colorado Denver, Aurora, CO, and Denver Health Medical Center, Denver, CO*

DISCUSSANT: Joseph Kim, MD, FACS, *Duarte, CA*

Aminooxyacetic Acid in Combination with Oxaliplatin Significantly Decreases Colorectal Liver Metastasis In Vivo

Fredrick J. Bohanon, MD; Amy A. Mrazek, MD; Laura J. Porro, MD; Heidi Spratt, PhD; Mark R. Hellmich, PhD; Celia Chao, MD, FACS. *From the University of Texas Medical Branch, Galveston*

DISCUSSANT: Andrew M. Lowy, MD, FACS, *La Jolla, CA*

Antiplatelet and Anticoagulant Medications Significantly Increase the Risk of Postoperative Hematoma—A Review of More Than 4500 Thyroid and Parathyroid Procedures

Sarah C. Oltmann, MD; Amal Alhefdhi, MD; Mohammad H. Rajaei, MD; David F. Schneider, MD; Rebecca S. Sippel, MD, FACS; Herbert Chen, MD, FACS. *From the University of Texas Southwestern Medical Center, Dallas, and University of Wisconsin, Madison*

DISCUSSANT: Raymon H. Grogan, MD, FACS, *Chicago, IL*

Examining National Outcomes with Intraoperative Nerve Monitoring during Thyroidectomy

Thomas K. Chung, MD; Eben L. Rosenthal, MD, FACS; John R. Porterfield, MD, FACS; William R. Carroll, MD, FACS; Joshua S. Richman, MD, PhD; Mary T. Hawn, MD, MPH, FACS. *From the University of Alabama at Birmingham*

DISCUSSANT: Julie A. Sosa, MD, FACS, *Durham, NC*

SF15 | 8:00 - 11:15 am

Transplantation and Tissue Engineering*Location: Moscone North, Exhibit Level, Room 120*

TRACKS: BTR, GEN

MODERATOR: Amelia M. Bartholomew, MD, FACS, *Chicago, IL*2014 Excellence in Research Award Recipient:
Ryan G. Spurrier, MD, *Los Angeles, CA***Obese Recipients Reject Skin Grafts Earlier Based on a Th17 Deviation**Markus Quante; Abdallah ElKhal; Karoline Edtinger, MD; Hirofumi Uehara; Hector Rodriguez; Stefan G. Tullius, MD, FACS. *From Brigham and Women's Hospital, Harvard Medical School, Boston, MA, and IFB Integrated Research/Treatment Center Adiposity Diseases, Leipzig, Germany*DISCUSSANT: Dev M. Desai, MD, FACS, *Dallas, TX***Variable Outcomes Associated with High-Risk Kidneys Under the New Allocation Policy**Roland A. Hernandez, MD, JD; Sayeed K. Malek, MB, BS, FACS; Edgar L. Milford, MD; Richard B. Freeman, Jr., MD, FACS; Stefan G. Tullius, MD, FACS. *From the Center for Surgery and Public Health, Boston, MA, and Dartmouth-Hitchcock Medical Center, Lebanon, NH*DISCUSSANT: Gerald S. Lipshutz, MD, FACS, *Los Angeles, CA***Formation of Neuromuscular Junction for Accelerated Recovery of Muscle Function**John R. Jackson, PhD; In Kap Ko, PhD; Sang Jin Lee; Anthony Atala, MD, FACS; James Yoo, MD, PhD. *From the Wake Forest School of Medicine, Winston-Salem, NC*DISCUSSANT: Amelia M. Bartholomew, MD, FACS, *Chicago, IL***Sufficient Progenitor Cells Do Not Require Microdesigned Biomaterials to Generate Murine and Human Tissue-Engineered Esophagus**Ryan G. Spurrier, MD; Allison L. Speer, MD; Xiaogang Hou, PhD; Wael El-Nachef, MD; Tracy C. Grikscheit, MD, FACS. *From the Children's Hospital Los Angeles, CA*DISCUSSANT: Jason A. Spector, MD, FACS, *New York, NY***An Alternate Stem Cell Niche in Developing Tissue-Engineered Small Intestine**Kathy A. Schall, MD; Christa N. Grant, MD; Kathryn L. Fowler; Tracy C. Grikscheit, MD, FACS. *From the Children's Hospital Los Angeles, CA*DISCUSSANT: John D. Jackson, PhD, *Winston-Salem, NC***Creation of Hierarchical Microchannel Architecture within Tissue Engineered Hydrogels Using Melt-Spun Sacrificial Fibers**Adam Jacoby; Rachel C. Hooper, MD; Jeremiah Joyce; Remco Bleeker; Ope A. Asanbe, MD; Hector L. Osoria; Tarek Elshazly; Jason A. Spector, MD, FACS. *From Weill Cornell Medical College, New York, NY*DISCUSSANT: Tracy C. Grikscheit, MD, FACS, *Los Angeles, CA***Organ-Level Autologous Tissue Engineering by Endothelium-Sparing Decellularization of the Groin Flap**Michael W. Findlay, MB, BS, PhD, FRACS; Peter Than, MD; Shubha Raghvendra; Wei Liu, MD, PhD; Dominik Duscher, MD; Geoffrey C. Gurtner, MD, FACS. *From Stanford University, CA, and University of Melbourne Department of Surgery, Australia*DISCUSSANT: Amelia M. Bartholomew, MD, FACS, *Chicago, IL***CD31 Antibody Conjugation Improves Re-endothelialization of Acellular Kidney Scaffolds for Whole Organ Engineering**John R. Jackson, PhD; In Kap Ko, PhD; Mehran Abolbashari; Jennifer Huling; Joao Zambon; Cheil Kim; Giuseppe Orlando, MD, PhD; James Yoo, MD, PhD; Tamer Aboushwareb, MD, PhD; Anthony Atala, MD, FACS. *From the Wake Forest School of Medicine, Winston-Salem, NC*DISCUSSANT: Geoffrey C. Gurtner, MD, FACS, *Stanford, CA***Overexpression of the Nrf2-Antioxidant Response Element Pathway in Kupffer Cells Ameliorates Hepatic Ischemia-Reperfusion Injury in Mice**Lung-Yi Lee, MD; Li Zhang, PhD; Jeffrey A. Johnson, PhD; Sabine Werner, PhD; David P. Foley, MD, FACS. *From the University of Wisconsin School of Medicine and Public Health, Madison; University of Wisconsin-Madison School of Pharmacy, and Swiss Federal Institute of Technology Zurich, Switzerland*DISCUSSANT: David A. Geller, MD, FACS, *Pittsburgh, PA***Induction and Maintenance of Cellular Hypometabolism for Improved Tissue Survival for Reconstructive Procedures**John R. Jackson, PhD; NaJung Kim, PhD; Jaehyun Kim, PhD; Karl-Erik Andersson; James Yoo, MD, PhD; Anthony Atala, MD, FACS. *From the Wake Forest School of Medicine, Winston-Salem, NC*DISCUSSANT: Gerald S. Lipshutz, MD, FACS, *Los Angeles, CA***Upregulation of the Pro-Apoptotic Protein XIAP-Associated Factor-1 (XAF1) Contributes to Liver Damage in Liver Ischemia/Reperfusion through the Apoptotic Pathway**Remealle A. How, MD; John R. Klune, MD; Shoko Kimura, MD; Shinchiro Yokota; Anthony V. Spadaro; Qiang Du, MD; Allan Tsung, MD, FACS; David A. Geller, MD, FACS. *From the University of Pittsburgh Medical Center, PA*DISCUSSANT: David P. Foley, MD, FACS, *Madison, WI***Temporal Analysis of Market Competition and Density in Renal Transplantation Volume and Outcome**Joel T. Adler, MD; Ann D. Smith, MD, MPH; Heidi Yeh, MD; James F. Markmann, MD, PhD; Louis L. Nguyen, MD, MBA, MPH, FACS. *From the Massachusetts General Hospital, Boston, and Brigham and Women's Hospital, Boston, MA*DISCUSSANT: Stefan G. Tullius, MD, FACS, *Boston, MA*

SF16 | 2:30 - 5:45 pm

Neurosurgery/Obstetrics and Gynecology/Orthopaedic Surgery (2014 Surgical Forum Dedication and Excellence in Research Awards distribution)*Location: Moscone North, Exhibit Level, Room 121/124*

TRACKS: NEU, OBG, ORT

MODERATOR: William C. Welch, MD, FACS, *Philadelphia, PA*2014 Excellence in Research Award Recipient:
Mohamad Bydon, MD, *Baltimore, MD*2014 Excellence in Research Award Recipient:
Peter Adams, MD, *Detroit, MI***NEUROSURGERY****Incidence of Sacral Fractures and the In-Hospital Postoperative Complications in the U.S.: An Analysis from 2002–2011**Mohamad Bydon, MD; Rafael De la Garza-Ramos, MD; Mohamed Macki; Nicholas B. Abt; Daniel M. Sciubba, MD; Jean-Paul Wolinsky, MD; Timothy F. Witham, MD; Ziya L. Gokaslan, MD, FACS; Ali Bydon, MD. *From Johns Hopkins University, Baltimore, MD*DISCUSSANT: William C. Welch, MD, FACS, *Philadelphia, PA***The Bimodal Effect: Impact of Admission Systolic Blood Pressure on Mortality in Isolated Traumatic Brain Injury**Mazhar Khalil, MD; Peter M. Rhee, MD, FACS; Viraj Pandit, MD; Andrew L. Tang, MD, FACS; Narong Kulvatunyou, MD, FACS; Terence O'Keefe, MBChB, FACS; Lynn Gries, MD; Donald J. Green, MD, FACS; Randall S. Friese, MD, FACS; Bellal Joseph, MD, FACS. *From the University of Arizona, Tucson*DISCUSSANT: William C. Welch, MD, FACS, *Philadelphia, PA***Prophylactic Plastic Surgery Closure of Neurosurgical Scalp Incisions Reduces Wound Complications in Previously-Operated Patients Treated with Radiation and Bevacizumab (Avastin®)**Alyssa R. Golas, MD; Tatiana V. Boyko, MD; Theodore H. Schwartz, MD, FACS; Philip E. Stieg, MD, PhD; John A. Boockvar, MD; Jason A. Spector, MD, FACS. *From the Weill Cornell Medical College, New York, NY*DISCUSSANT: William C. Welch, MD, FACS, *Philadelphia, PA***Alteration of the Circadian Network following Traumatic Brain Injury**Melody R. Saeman, MD; Joshua W. Gatson, PhD; Ming-Mei Liu; Steven E. Wolf, MD, FACS. *From the University of Texas Southwestern, Dallas*DISCUSSANT: William C. Welch, MD, FACS, *Philadelphia, PA***Endoscopic Endonasal Surgery for Tumors of the Cavernous Sinus: Experience of 234 Cases**Maria Koutourousiou, MD; Francisco Vaz Guimaraes Filho, MD; Juan C. Fernandez-Miranda, MD; Eric W. Wang, MD; Carl H. Snyderman, MD, MBA, FACS; Paul A. Gardner, MD. *From the University of**Louisville, Louisville, KY, and University of Pittsburgh School of Medicine, PA*DISCUSSANT: William C. Welch, MD, FACS, *Philadelphia, PA***Early Use of Venous Thromboembolic Prophylaxis in Traumatic Brain Injury: A Safe Practice**David Meyer, MD; Bellal Joseph, MD, FACS; Viraj Pandit, MD; Narong Kulvatunyou, MD, FACS; Mazhar Khalil, MD; Terence O'Keefe, MBChB, FACS; Andrew L. Tang, MD, FACS; Gary A. Vercruysse, MD, FACS; Randall S. Friese, MD, FACS; Peter M. Rhee, MD, FACS. *From University of Arizona, Tucson*DISCUSSANT: William C. Welch, MD, FACS, *Philadelphia, PA***OBSTETRICS/GYNECOLOGY****Comparative Outcomes in Older and Younger Women Undergoing Laparotomy or Robotic Surgical Staging for Endometrial Cancer**

Michael S. Guy, MD; Jeanelle Sheeder, MPH, PhD; Saketh R. Guntupalli, MD; Kian Behbakht, MD.

*From the University of Colorado School of Medicine, Denver*DISCUSSANT: Peter A. Argenta, MD, FACS, *Minneapolis, MN***ORTHOPAEDIC SURGERY****The Effect of Orthopaedic Advertising and Self-Promotion on a Naïve Population**Stephen Mohny, MD; Peter Quartararo, MD; John C. Elfar, MD. *From the University of Rochester-Strong Memorial Hospital, Rochester, NY*DISCUSSANT: Danielle A. Katz, MD, FACS, *East Syracuse, NY***Genetic Analysis of Giant Cell Tumors of the Axial/Appendicular and Maxillofacial Skeleton**Zachary S. Peacock, MD, FACS; Joseph H. Schwab, MD; William C. Faquin, MD, PhD; Francis J. Hornicek, MD, PhD; David H. Ebb, MD; Leonard B. Kaban, MD, FACS. *From Massachusetts General Hospital, Boston, MA*DISCUSSANT: Danielle A. Katz, MD, FACS, *East Syracuse, NY***Effects of Preoperative Nutritional Status on 30-Day Mortality in Patients Undergoing Surgery for Hip Fractures**Bin Yang; Adam J. Graver, MD; Sara Merwin, MPH; Lewis Collins, OPA; Kate Nellans, MD, MPH; Ariel Goldman, MD. *From North Shore University Hospital, Manhasset, New York, NY, and Long Island Jewish Medical Center, New Hyde Park, NY*DISCUSSANT: Danielle A. Katz, MD, FACS, *East Syracuse, NY***A Simplified Frailty Index Stratifies Early Operative Risk for Primary Total Joint Arthroplasty in the National Surgical Quality Improvement Program (NSQIP®) Dataset**Peter D. Adams, MD; Robb M. Weir, MD; Heath Antoine, MD; Ryan Kather; Ilan S. Rubinfeld, MD, FACS. *From the Henry Ford Health System, Detroit, MI*DISCUSSANT: Danielle A. Katz, MD, FACS, *East Syracuse, NY*

Prospective Evaluation of the Need for Critical Care Intervention after Total Joint Arthroplasty

Paul M. Courtney, MD; Christopher M. Melnic, MD; Jacob Gutsche, MD; Eric L. Hume, MD; L. Scott Levin, MD, FACS; Gwo-Chin Lee, MD. *From the University of Pennsylvania, Philadelphia*

DISCUSSANT: Danielle A. Katz, MD, FACS, *East Syracuse, NY*

SF17 | 2:30 - 5:45 pm

Alimentary Tract II

Location: Moscone North, Exhibit Level, Room 122/125

TRACK: GEN

MODERATOR: Darren R. Carpizo, MD, FACS, *New Brunswick, NJ*

CO-MODERATOR: James J. Mezhir, MD, FACS, *Iowa City, IA*

Alvimopan Provides Additional Improvement in Outcomes and Cost Savings in Enhanced Recovery Colorectal Surgery

Mohamed Abdelgadir Adam, MD; Lacey M. Lee, PharmD, BCPS; Mohan K. Mallipeddi, MD; Jeffrey Keenan, MD; Sandra Stinnett, DrPH; Jacquelyn M. Sullivan, ACNP, GNP; John Migaly, MD, FACS; Christopher R. Mantyh, MD, FACS; Julie K.M. Thacker, MD, FACS. *From the Duke University Medical Center, Durham, NC*

DISCUSSANT: Darren R. Carpizo, MD, FACS, *New Brunswick, NJ*

Oral Antibiotic Bowel Prep Significantly Reduces Surgical Site Infection Rates and Readmission Rates in Elective Colorectal Surgery

Melanie S. Morris, MD, FACS; Laura A. Graham, MPH; Martin J. Heslin, MD; John D. Hunter, MD; Jamie A. Cannon, MD, FACS; Allison Gullick, MPH; Ashley L. Webster, BSN; Beth W. Faust, RN; Mary T. Hawn, MD, MPH, FACS. *From the University of Alabama at Birmingham*

DISCUSSANT: Darren R. Carpizo, MD, FACS, *New Brunswick, NJ*

Morbidity and Mortality in Patients Undergoing Colorectal Surgery Differs by Surgical Trainee Level

Lilian Chen, MD; Peter W. Marcello, MD, FACS; David J. Schoetz, Jr., MD, FACS; Todd D. Francone, MD, FACS; Thomas E. Read, MD, FACS; Jason F. Hall, MD, FACS; Patricia L. Roberts, MD, FACS; Rocco Ricciardi, MD, FACS. *From the Lahey Hospital and Medical Center, Burlington, MA*

DISCUSSANT: Darren R. Carpizo, MD, FACS, *New Brunswick, NJ*

Risk Factors for Urinary Dysfunction after Rectal Cancer Surgery

Daniel W. Kauff, MD; Hauke Lang, MD, FACS; Werner Kneist, MD. *From University Medicine of the Johannes Gutenberg-University Mainz, Germany*

DISCUSSANT: Darren R. Carpizo, MD, FACS, *New Brunswick, NJ*

Minimally Invasive Surgery Is Associated with Decreased Overall Hospital Costs in Elective Colorectal Procedures

Melissa L. Korb, MD; Jamie A. Cannon, MD, FACS; Mary T. Hawn, MD, MPH, FACS; Melanie S. Morris, MD, FACS; Brandon A. Singletary, MPH; John D.

Hunter, MD; Davis M. O'Brien; Martin J. Heslin, MD. *From the University of Alabama at Birmingham*

DISCUSSANT: Darren R. Carpizo, MD, FACS, *New Brunswick, NJ*

Trends in the Use of Elective Resection for Diverticulitis and Emergency/Urgent Surgery and Admissions

Vlad V. Simianu, MD; Lisa L. Strate, MD, MPH; Richard P. Billingham, MD, FACS; Alessandro Fichera, MD, FACS; Scott R. Steele, MD, FACS; Richard C. Thirlby, MD, FACS; David R. Flum, MD, MPH, FACS. *From the University of Washington, Seattle, WA; Swedish Medical Center, Seattle, WA; and Madigan Army Medical Center, Tacoma, WA*

DISCUSSANT: Darren R. Carpizo, MD, FACS, *New Brunswick, NJ*

TNFSF15 mRNA Expression Is Upregulated in Sigmoid Tissue of Diverticulitis Patients

Tara M. Connelly, MB, BCh, MS; Arthur S. Berg, PhD; Leonard R. Harris; Sue Deiling; David Brinton, CNRP; Walter A. Koltun, MD, FACS, FASCRS. *From the Milton S. Hershey Medical Center, Penn State College of Medicine, Hershey, PA*

DISCUSSANT: Darren R. Carpizo, MD, FACS, *New Brunswick, NJ*

Crohn's Disease and Ulcerative Colitis Show Characteristic Cytokine Profiles

Zoltan H. Nemeth, MD, PhD; Samantha R. Paglinco; Tiffany K. Ying, MD; Rolando H. Rolandelli, MD, FACS. *From the Morristown Medical Center, NJ*

DISCUSSANT: James J. Mezhir, MD, FACS, *Iowa City, IA*

Integrating Multiple Layers of Genomic Data to Identify Regulatory Programs of Gene Expression in KRAS Mutant Rectal Cancers

Raphael Pelossof, PhD; Oliver S. Chow, MD; Lauren Fairchild; Manu Setty; J. Joshua Smith, MD, PhD; Chin-Tung Chen; Zhenbin Chen, PhD; Fumiko Egawa; Christina S. Leslie, PhD; Julio Garcia-Aguilar, MD, PhD, FACS. *From the Memorial Sloan Kettering Cancer Center, New York, NY, and City of Hope, Duarte, CA*

DISCUSSANT: James J. Mezhir, MD, FACS, *Iowa City, IA*

Hsa-miR-135b Is Associated with the Initiation and Progression of Colorectal Neoplasia

Muhammad I. Aslam, MB, BS, MRCS; Samir Hussein, MB, BCh; Maleene Patel, MB, BS; Kevin West MB, ChB, FRCP; John S. Jameson, MB, BS, MD, FRCS; James H. Pringle, PhD; Baljit Singh, BC, BCh, FRCS, DPhil, FACS. *From the University Hospitals of Leicester NHS Trust, Leicester, U.K., University of Leicester, U.K.*

DISCUSSANT: James J. Mezhir, MD, FACS, *Iowa City, IA*

Reduced Retinoblastoma (Rb) Protein Is Associated with Improved Survival in Anal Cancer: RTOG 98-11 Specimen Study

Erin Siegel; Jennifer Moughan; Anthony M. Magliocco, MD; Kathryn Winter; Jeff Simko, MD; Jaffer Ajani, MD; Alexander Klimowicz, MD; Corinne Doll, MD; Chandan Guha, MD; David Shibata, MD, FACS. *From the Moffitt Cancer Center, Tampa, FL, and Radiation Therapy Oncology Group, Philadelphia, PA*

DISCUSSANT: James J. Mezhir, MD, FACS, *Iowa City, IA*

SF18 | 2:30 - 5:45 pm

Pediatric Surgery II*Location: Moscone South, Esplanade Level, Room 303*

TRACK: PED

MODERATOR: Benedict C. Nwomeh, MB, BS, FACS, Columbus, OH

MODERATOR: Gretchen Purcell Jackson, MD, PhD, FACS, Nashville, TN

A Pediatric NSQIP® Analysis of Thoracoscopic and Open Approaches to Resection in Pediatric Congenital Lung MalformationsAfif N. Kulaylat, MD; Brett W. Engbrecht, MD, FACS; Christopher S. Hollenbeak, PhD; Shawn D. Safford, MD; Peter W. Dillon, MD, FACS. *From the Penn State Hershey Children's Hospital, Hershey, PA*

DISCUSSANT: Craig T. Albanese, MD, MBA, FACS, Palo Alto, CA

Acute Onset of Angiogenesis in a Murine Model of Small Intestine Inflammatory Bowel DiseaseJ. Leslie Knod, MD; Mary Dusing; Kelly M. Crawford; Jason S. Frischer, MD, FACS. *From the Cincinnati Children's Hospital Medical Center, OH, and University of Cincinnati, OH*

DISCUSSANT: David J. Hackam, MD, FACS, Pittsburgh, PA

Effects of 9-cis-UAB30, a Synthetic Analog of 9-cis-retinoic Acid, on Human Neuroblastoma Cell LinesAlicia M. Waters, MD; Jerry Stewart; Venkatram Atigadda, PhD; Donald Muccio, PhD; Clinton Grubbs, PhD; Elizabeth A. Beierle, MD, FACS. *From the University of Alabama at Birmingham*

DISCUSSANT: Dai H. Chung, MD, FACS, Nashville, TN

Pediatric Appendiceal Perforation Rates Are Associated with a Shortage of General Surgeons and an Increased Rate of Transfer to Surgical Care in North CarolinaMichael R. Phillips, MD; Rachel M. Machta; Sean E. McLean, MD, FACS; Anthony G. Charles, MB, BS, MD, MPH, FACS. *From the University of North Carolina School of Medicine, Chapel Hill*

DISCUSSANT: Peter C. Minneci, MD, FACS, New Albany, OH

Pyloric Stenosis Directly Correlates with Maternal Risk Factors and Environmental Pesticide ExposureTroy A. Markel, MD; Cathy Proctor; Jun Ying, MD; Paul D. Winchester, MD. *From the Indiana University School of Medicine, Indianapolis, and University of Cincinnati College of Medicine, OH*

DISCUSSANT: Shawn D. St. Peter, MD, FACS, Kansas City, MO

The Use of Whole Body Computed Tomography Scans in Pediatric Trauma Patients: Are There Differences Among Adult and Pediatric Centers?Maria Michailidou, MD; Bellal Joseph, MD, FACS; Viraj Pandit, MD; Narong Kulvatunyou, MD, FACS; Andrew L. Tang, MD, FACS; Terence O'Keefe, MBChB, FACS; Randall S. Friese, MD, FACS; Fizan Abdullah, MD, PhD; Dylan Stewart, MD; Peter M. Rhee, MD, FACS. *From the University of Arizona, Tucson, and Johns Hopkins University School of Medicine, Baltimore, MD*

DISCUSSANT: Barbara A. Gaines, MD, FACS, Pittsburgh, PA

BIRADS Classification in 51 Excised Palpable Pediatric Breast MassesJeffrey L. Koning, MD; Katherine P. Davenport, MD; Patricia S. Poole, MD; Peter G. Kruk, MD; Julia E. Grabowski, MD. *From the University of California, San Diego, CA; Rady Children's Hospital San Diego, CA; and San Diego Imaging Medical Group, CA*

DISCUSSANT: Julie R. Fuchs, MD, FACS, Stanford, CA

Children Are Safer in States with Universal Motorcycle Helmet Legislation: A National StudyKathryn T. Anderson, MD, Peter M. Rhee, MD, FACS; Viraj Pandit, MD; Narong Kulvatunyou, MD, FACS; Bardiya Zangbar, MD; Terence O'Keefe, MBChB, FACS; Andrew L. Tang, MD, FACS; Gary A. Vercruysse, MD, FACS; Randall S. Friese, MD, FACS; Bellal Joseph, MD, FACS. *From the University of Arizona, Tucson*

DISCUSSANT: Christopher R. Newton, MD, FACS, Oakland, CA

Propranolol, a Potential Therapy for Lymphatic MalformationsConnie H. Keung, MD; Julie Monteagudo, MD; Peter Liou, MD; Chris Kitajewski; Maia Reiley; John Andrews; June K. Wu, MD; Carrie J. Shawber, PhD; Jessica J. Kandel, MD, FACS. *From the Columbia University Medical Center, New York, NY, and University of Chicago Medicine—Comer Children's Hospital, IL*

DISCUSSANT: Steven L. Goudy, MD, FACS, Nashville, TN

Targeted Antibiotic Prophylaxis Decreases the Incidence of Experimental Necrotizing EnterocolitisJoanna C. Lim, MD; Brandon Bell; Debi Thomas; Stephanie C. Papillon, MD; Jamie M. Golden, MD; Jin Wang; Anatoly V. Grishin, PhD; Henri R. Ford, MD, FACS. *From the Children's Hospital Los Angeles, CA*

DISCUSSANT: Gail E. Besner, MD, FACS, Columbus, OH

Routine Contrast Enema Is Not Required for All Infants Prior to Small Bowel Ostomy Reversal: A Ten-Year Single-Center ExperienceChrista N. Grant, MD; Jamie M. Golden, MD; Dean M. Anselmo, MD, FACS. *From the Children's Hospital Los Angeles, CA*

DISCUSSANT: Marjorie J. Arca, MD, FACS, Milwaukee, WI

Appendicitis Scoring System Decreases the Incidence of "Missed Appendicitis"Anna Bakeman; Kimberly K. Somers, PA-C; Lorin Browne, MD; Allison Ertl; Jessica Schultz, BSN; Laura Cassidy, PhD; Marjorie J. Arca, MD, FACS. *From the Medical College of Wisconsin, Milwaukee, and Children's Hospital of Wisconsin, Milwaukee*

DISCUSSANT: Regan F. Williams, MD, Memphis, TN

SF19 | 2:30 - 5:45 pm

Urology and Reproductive Surgery II (Robotics)*Location: Moscone North, Exhibit Level, Room 120*

TRACK: URO

MODERATOR: Viraj Master, MD, FACS, *Atlanta, GA*MODERATOR: Ahmad Shabsigh, MD, FACS, *Columbus, OH***T1a Patients with Metastatic RCC at Diagnosis Markedly Differ from Patients Who Present with Localized Malignant SRMs**Jeffrey J. Tomaszewski, MD; Robert G. Uzzo, MD, FACS; Brian L. Egleston, PhD; Elizabeth Handorf, PhD; Reza Mehrazin, MD; Marc C. Smaldone, MD; Alexander Kutikov, MD. *From the Fox Chase Cancer Center, Philadelphia, PA*DISCUSSANT: E. Jason Abel, MD, *Madison, WI***Gender Differences for Never Smokers Undergoing Radical Cystectomy**Eugene J. Pietzak, MD; Kinnari Patel; Alan J. Wein, MD, FACS, PhD(Hon); S. Bruce Malkowicz; Thomas J. Guzzo, MD, MPH. *From the University of Pennsylvania, Philadelphia*DISCUSSANT: E. Jason Abel, MD, *Madison, WI***Identifying Incidence and Risk Factors for Venous Thromboembolism among Partial and Radical Nephrectomy Patients for Kidney Cancer**Abram McBride, MD; Maxim J. McKibben, MD; Josip Vukina, MD; Jonathan Matthews, MPH; Raj Pruthi, MD, FACS; Mathew Raynor, MD; Eric Wallen, MD, FACS; Michael E. Woods, MD, FACS; Matthew Nielsen, MD, FACS; Angela B. Smith, MD. *From the University of North Carolina-Chapel Hill*DISCUSSANT: E. Jason Abel, MD, *Madison, WI***Oncologic Outcomes of Enucleative Partial Nephrectomy for Multiple Tumors: A Single-Institution Comparative Study**Anup Vora, MD; Nic A. Muruve, MD, FACS. *From the Cleveland Clinic Florida, Weston*DISCUSSANT: E. Jason Abel, MD, *Madison, WI***Predictors of 30-Day Readmission following Radical Cystectomy for Bladder Cancer**Maxim J. McKibben, MD; Josip Vukina, MD; Abram McBride, MD; Jonathan Matthews, MPH; Raj Pruthi, MD, FACS; Eric Wallen, MD, FACS; Michael E. Woods, MD, FACS; Matthew Nielsen, MD, FACS; Angela B. Smith, MD. *From the University of North Carolina-Chapel Hill*DISCUSSANT: E. Jason Abel, MD, *Madison, WI***RCC in ESRD Patients Displays Unique Characteristics: A Look At High-Volume, Rural Center**Stephen M. Bracewell; Samuel J. Dail; Jonathan H. Taylor, MD, FACS; Ming Yin, MD, PhD; Swapnil D. Kachare, MD, MBA. *From the Brody School of Medicine at East Carolina University, Greenville, NC*DISCUSSANT: E. Jason Abel, MD, *Madison, WI***Wednesday, October 29**

SF20 | 8:00 - 11:15 am

Alimentary Tract III*Location: Moscone South, Esplanade Level, Room 303*

TRACK: GEN

MODERATOR: James S. Tomlinson, MD, PhD, FACS, *Los Angeles, CA*CO-MODERATOR: Vatche G. Agopian, MD, *Los Angeles, CA***A Novel Classification of Hepatocellular Carcinoma Based on Long Noncoding RNA Signature: Implications for Prognosis**Zhe Yang, PhD, MD; Chaofeng Ding, PhD; Shusen Zheng, MD. *From the First Affiliated Hospital, Zhejiang University, Hangzhou, China*DISCUSSANT: Vatche G. Agopian, MD, *Los Angeles, CA***Long Noncoding RNA PVT1 Is Associated with Tumor Progression and Predicts Recurrence in Hepatocellular Carcinoma Patients**Chaofeng Ding, PhD; Zhe Yang, PhD, MD; Shaobing Cheng, MD; Jian Wu, MD, PhD; Shusen Zheng, MD. *From the First Affiliated Hospital, Zhejiang University, Hangzhou, China*DISCUSSANT: Vatche G. Agopian, MD, *Los Angeles, CA***Liver Selective Acetyl-CoA Carboxylase Inhibition Inhibits Hepatocellular Carcinoma in a Cirrhosis Model**Danielle K. DePeralta, MD; Lan Wei, PhD; Geraldine Harriman, PhD; Jeremy Greenwood; William F. Westlin, PhD; James Harwood, PhD; Sathesh Bhat; Rosana Kapeller, MD, PhD; Bryan C. Fuchs, PhD; Kenneth K. Tanabe, MD, FACS. *From the Massachusetts General Hospital, Boston*DISCUSSANT: Vatche G. Agopian, MD, *Los Angeles, CA***CSF1R Inhibition Impairs Liver Regeneration**Juan A. Santamaria-Barria, MD; Jonathan B. Greer, MD; Shan Zeng, MD, PhD; Adrian M. Seifert, MD; Noah A. Cohen, MD; Michael J. Beckman, MD; Ferdinand Rossi, PhD; Megan H. Crawley; Benjamin L. Green; Ronald P. DeMatteo, MD, FACS. *From the Memorial Sloan Kettering Cancer Center, New York, NY*DISCUSSANT: Vatche G. Agopian, MD, *Los Angeles, CA***CXC Chemokine Receptor 1 Mediates Fibrosis in Carbon Tetrachloride Model of Chronic Liver Injury**Christopher M. Freeman, MD; Gregory C. Wilson, MD; Rebecca M. Schuster; Hiroyuki Nojima, MD; Alex B. Lentsch, PhD. *From the University of Cincinnati College of Medicine, OH*DISCUSSANT: Vatche G. Agopian, MD, *Los Angeles, CA***Regeneration Preconditioning in a Swine Model: A New Strategy to Prevent the "Small-for-Flow" Syndrome?**José Manuel Asencio, MD; J.A. López Baena, PhD; J.L. García-Sabrido, PhD; P. Lozano; J. Pérez-Ferreiro, MD; A. Morales; I. Peligros, PhD; M. Herrero, MD; C. Fernandez. *From the Hospital General Universitario Gregorio Marañón, Madrid, Spain, and Minimally Invasive Surgery Centre Jesús Usón, Cáceres, Spain*DISCUSSANT: Vatche G. Agopian, MD, *Los Angeles, CA*

An ACS NSQIP® Review of Major Morbidity and Mortality of Synchronous Liver Resection for Colorectal Metastasis Stratified by Extent of Liver Resection and Type of Colorectal Resection

Christopher R. Shubert, MD; Elizabeth B. Habermann, PhD, MPH; John R. Bergquist, MD; Kristine M. Thomsen; Michael L. Kendrick, MD, FACS; Robert R. Cima, MD, FACS; David M. Nagorney, MD, FACS. *From the Mayo Clinic, Rochester, MN*

DISCUSSANT: James S. Tomlinson, MD, PhD, FACS, Los Angeles, CA

Working Smarter, Not Harder: A Clinical Index Score to Reduce Negative Cholangiograms in Patients with Suspected Choledocholithiasis

Andrew Nguyen, MD; Edward Gifford, MD; David S. Plurad, MD, FACS; Christian M. de Virgilio, MD, FACS; Amy H. Kaji, MD, PhD; Scott D. Bricker, MD; Fred S. Bongard, MD, FACS; Angela L. Neville, MD, FACS; Brant A. Putnam, MD, FACS; Dennis Y. Kim, MD. *From the Harbor-University of California Los Angeles Medical Center*

DISCUSSANT: James S. Tomlinson, MD, PhD, FACS, Los Angeles, CA

Regenerating Islet-Derived 3a (Reg3a) Is Required for Acinar Cell NFκB Activation and Tissue Protection in Experimental Acute Pancreatitis

Shunpei Okochi, MD; Albert Stanek, MD; Michelle Xu; Lara Seiden; Cathy M. Mueller; Peiqi Ou, MD, PhD; Juan L. Iovanna, MD, PhD; Gainosuke Sugiyama, MD, FACS; Antonio E. Alfonso, MD, FACS; Chongmin Huan, MD, PhD. *From the State University of New York, Downstate Medical Center, Brooklyn, and Centre de Recherche INSERM, Marseille, France*

DISCUSSANT: James S. Tomlinson, MD, PhD, FACS, Los Angeles, CA

Apigenin Minimizes SMAD-Dependent and Independent TGF-β Signaling by Acinar Cells in an In-Vitro Model of Chronic Pancreatitis

Amy A. Mrazek, MD; Fredrick J. Bohanon, MD; Haijun Chen, PhD; Jia Zhou, PhD; Laura J. Porro, MD; Mark R. Hellmich, PhD; Celia Chao, MD, FACS. *From the University of Texas Medical Branch, Galveston*

DISCUSSANT: James S. Tomlinson, MD, PhD, FACS, Los Angeles, CA

Viral Lineage Labeling of Pancreatic Ducts Identifies Duct-Derived Beta Cells in Adult Transgenic Mice

John C. Wiersch, MD; Yousef El-Gohary, MD; Sidhartha Tulachan, MD, PhD; Xiangwei Xiao, MD, PhD; Ping Guo, PhD; Krishna Prasad, PhD; Chiyo Shiota, PhD; Iljana M. Gaffar, MD; Farzad Esni, PhD; George K. Gittes, MD, FACS. *From the University of Pittsburgh/Children's Hospital of Pittsburgh, PA*

DISCUSSANT: James S. Tomlinson, MD, PhD, FACS, Los Angeles, CA

Extracellular Signal-Regulated Kinase-Dependent p21 (WAF1/Cip1) Expression Is Associated with Gemcitabine Resistance in Pancreatic Cancer Cells

Ramy Abdel-Naby; Ke Wang, MD; Dongyan Song, MD; Jaime Bozentka, MD; Marc LaFonte, MD; Peiqi Ou, MD; Albert Stanek, MD; Cathy M. Mueller; Antonio E. Alfonso, MD, FACS; Chongmin Huan, MD,

PhD. *From the State University of New York Downstate Medical Center, Brooklyn*

DISCUSSANT: James S. Tomlinson, MD, PhD, FACS, Los Angeles, CA

SF21 | 8:00 - 11:15 am

Critical Care II/Clinical Studies

Location: Moscone North, Exhibit Level, Room 122/125

TRACKS: GEN, TRA

MODERATOR: Nicholas Namias, MD, FACS, FCCM, Miami, FL

MODERATOR: Addison K. May, MD, FACS, Nashville, TN

Hypotension, Anemia, and Abnormal Partial Thromboplastin Time Accurately Predict the Need for Massive Transfusion in Trauma Patients

Sean P. McCully, MD; David A. Hampton, MD; Tim H. Lee, MD; Brittney J. Redick; Matthew E. Kutcher, MD; Jeanette M. Podbielski, RN, BSN; Brian S. Diggs, PhD; Bryan A. Cotton, MD, MPH; Mitchell J. Cohen, MD, FACS; Martin A. Schreiber, MD, FACS. *From the Oregon Health and Science University, Portland*

DISCUSSANT: Soumitra R. Eachempati, MD, FACS, New York, NY

Early Changes in Leukocyte Gene-Expression Underlie Increased Mortality Associated with Burn Size but Not Age or Inhalation Injury

Ravi Sood, MD; Nicole S. Gibran, MD, FACS; Brett D. Arnoldo, MD, FACS; Richard L. Gamelli, MD, FACS; Ronald G. Tompkins, MD, FACS; David N. Herndon, MD, FACS. *From the Harborview Medical Center/University of Washington, Seattle*

DISCUSSANT: Matthew B. Rosengart, MD, FACS, Pittsburgh, PA

Gene Expression Can Robustly Separate Infectious and Non-Infectious Inflammation

Timothy E. Sweeney, MD, PhD; Purvesh Khatri, PhD. *From Stanford University, Palo Alto, CA*

DISCUSSANT: Nicole Sabibran, MD, FACS, Seattle, WA

Performance Improvement with Current Thromboprophylaxis Strategies Does Not Reduce Pulmonary Embolism in Trauma Patients

Matthew J. Pommerening, MD; Hudson H. Seidel; Bryan A. Cotton, MD, MPH, FACS; Charles E. Wade, PhD; John B. Holcomb, MD, FACS. *From the University of Texas Medical School at Houston*

DISCUSSANT: Martin A. Schreiber, MD, FACS, Portland, OR

Exposing the Bidirectional Effects of Alcohol on Coagulation after Injury

Benjamin M. Howard, MD, MPH; Lucy Z. Kornblith, MD; Brittney J. Redick; Mary F. Nelson, RN, MPA; Rachael A. Callcut, MD, FACS; Mitchell J. Cohen, MD, FACS. *From the San Francisco General Hospital, University of California, San Francisco*

DISCUSSANT: Lewis J. Kaplan, MD, FACS, FCCM, FCCP, Philadelphia, PA

Liver Hounsfield Units of Admission CT Scans for Trauma Are Predictive of Alcohol Withdrawal Syndrome

Whitney A. Young, MD; John S. Young, MD; Shea C. Gregg, MD, FACS; Andrew H. Stephen, MD; Stephanie N. Lueckel; Michael D. Connolly, MD, FACS; Charles A. Adams, Jr., MD, FACS; William G. Cioffi, Jr., MD, FACS; Daithi S. Heffernan, MD, FRCSI; Mary Ottinger, MD. *From Brown University, Providence, RI*
DISCUSSANT: Jason D. Sciarretta, MD, *Miami Beach, FL*

Plasma Resuscitation Preserves Large Molecular Weight Proteins Preventing Derangements of the Fibrinolytic System

Hunter B. Moore, MD; Ernest E. Moore, MD, FACS; Eduardo Gonzalez, MD; Anthony Bacon, MD; Michael P. Chapman, MD; Theresa Chin, MD; Anirban Banerjee, PhD; Gregory Wiener; Angela Sauaia, MD, PhD; Christopher C. Silliman, MD, PhD. *From the University of Colorado, Denver, CO, University of Colorado, Denver, CO, and Denver Health Medical Center, Denver, CO*

DISCUSSANT: Mitchell J. Cohen, MD, FACS, *San Francisco, CA*

Prothrombin Function: Critical Role in Hemostasis after Injury

Lucy Z. Kornblith, MD; Benjamin M. Howard, MD, MPH; Brittney J. Redick; Ryan F. Vilardi; Mary F. Nelson, RN, MPA; Mitchell J. Cohen, MD, FACS. *From the University of California—San Francisco*
DISCUSSANT: Tanya L. Zakrisson, MD, FACS, *Miami Beach, FL*

Massive PAI-1 Upregulation and Suppressed Fibrinolysis Is the Predominant Phenotype in Severely Injured Trauma Patients

Michael P. Chapman, MD; Ernest E. Moore, MD, FACS; Hunter B. Moore, MD; Eduardo Gonzalez, MD; Theresa Chin, MD; Fabia Gamboni, PhD; Sanchayita Mitra; Anirban Banerjee, PhD; Angela Sauaia, MD, PhD; Christopher C. Silliman, MD, PhD. *From the University of Colorado—Aurora, CO, and Denver Health Medical Center, CO*
DISCUSSANT: Lewis J. Kaplan, MD, FACS, FCCM, FCCP, *Philadelphia, PA*

Corticosteroid Use Is Associated with Increased Mortality and Complicated Course in Pediatric Septic Shock

Sarah J. Atkinson, MD; Hector R. Wong, MD. *From the University of Cincinnati College of Medicine, OH; Cincinnati Children's Hospital Medical Center, OH; and Cincinnati Children's Research Foundation, OH*
DISCUSSANT: Eduardo A. Perez, MD, *Miami, FL*

Is Fibrinolysis Shutdown the Missing Link Leading to Post-Injury Hypercoagulability?

Eduardo Gonzalez, MD; Ernest E. Moore, MD, FACS; Hunter B. Moore, MD; Fredric C. Pieracci, MD; Theresa Chin, MD; Michael P. Chapman, MD; Brandon A. Quinn; Angela Sauaia, MD PhD; Christopher C. Silliman, MD, PhD; Anirban Banerjee, PhD. *From the University of Colorado, Denver, and Denver Health Medical Center, CO*

DISCUSSANT: Hasan B. Alam, MD, FACS, *Ann Arbor, MI*

Early Treatment with Fresh Frozen Plasma Improves Neurological Recovery in a Clinically Relevant Large Animal Model of Traumatic Brain Injury and Hemorrhagic Shock

Ihab Halaweish, MD; Ted Bambakidis; Wei He, MD; Durk Linzel, MD; Ashok Srinivasan, MD; Mustafa Mohamed; Jayatej Pinnamaneni; Simone Dekker; Yongqing Li, MD, PhD; Hasan B. Alam, MD, FACS. *From the University of Michigan, Ann Arbor*
DISCUSSANT: Oscar D. Guillamondegui, MD, MPH, FACS, *Nashville, TN*

SF22 | 8:00 - 11:15 am

Surgical Education II

Location: Moscone North, Exhibit Level, Room 121/124

TRACKS: EDU, RES/MED

MODERATOR: Jack Sava, MD, FACS, *Washington, DC*

MODERATOR: Stephanie Heller, MD, FACS, *Rochester, MN*

The Operative Experience of Surgical Residents on the Other Side of the Atlantic in the Era of Working Time Restrictions

Cornelis J. Hopmans, MD; Pieter T. den Hoed, MD, PhD; Lijckle van der Laan, MD, PhD; Erwin van der Harst, MD, PhD; Maarten van der Elst, MD, PhD; Guido H. Mannearts, MD, PhD; Imro Dawson, MD, PhD; Bas P. Wijnhoven, MD, PhD; Jan M. Ijzermans, MD, PhD. *From the Erasmus University Medical Center, Rotterdam, Netherlands*

DISCUSSANT: Amir R.T. Joshi, MD, FACS, *Philadelphia, PA*

Optimizing Performance through Stress Training—An Educational Strategy for Surgical Residents

Michael B. Goldberg, MD; Zoë Maher, MD; Joel H. Fish, PhD; Richard Milner; Daohai Yu, PhD; Niels D. Martin, MD, FACS; Amy J. Goldberg, MD, FACS. *From Temple University Hospital, Philadelphia, PA*
DISCUSSANT: Ali Salim, MD, FACS, *Los Angeles, CA*

Novel Video-Based Assessment Tool for Laparoscopic Intraoperative Decision-Making

Isabelle Raiche, MD; Matthew G. Mutch, MD, FACS; Stanley J. Hamstra, PhD; Matthew L. Silveira, MD; Steven R. Hunt, MD, FACS; Elisa H. Birnbaum, MD; Sekhar Dharmarajan, MD, FACS; Samantha J. Quade, MD; Eric Dionne, PhD; Paul E. Wise, MD, FACS. *From Washington University, St. Louis, MO, and University of Ottawa, Ottawa, ON*

DISCUSSANT: Arete Tillou, MD, FACS, *Los Angeles, CA*

Using Cognitive Psychology and Simulation Training to Enhance Surgical Team Performance

Aimee K. Gardner, PhD; Rami Ahmed, DO, FACEP. *From the University of Texas Southwestern Medical Center, Dallas, and Summa Akron City Hospital, Akron, OH*

DISCUSSANT: Shimae C. Fitzgibbons, MD, *Washington, DC*

Surgical Ward Care Checklists Improve Postoperative Care in a Simulated Environment: A Randomized Controlled Trial

Philip H. Pucher, MD, MRCS; Rajesh Aggarwal, MD, PhD, FRCS; Maria Qurashi; Pritam Singh, MB, BS,

MRCS; Ara W. Darzi, MB, BCh FACS(Hon). *From Imperial College London, U.K., and University of Pennsylvania, Philadelphia*

DISCUSSANT: Jarrod C.H. Wall, MB, BCh, FACS, *Springfield, IL*

Where Patterns of Care Begin: Resident Experience in Breast Cancer and Melanoma Care

Robert G. Conway, MD; Edmund K. Bartlett, MD; Rebecca L. Hoffman, MD; Giorgos C. Karakousis, MD, FACS; Rachel R. Kelz, MD. *From the University of Pennsylvania, Philadelphia*

DISCUSSANT: Benjamin T. Jarman, MD, FACS, *LaCrosse, WI*

Resident Perceptions of Safety in the Perioperative Environment: Where Can We Improve?

Luke R. Putnam, MD; Shauna M. Levy, MD; Caroline M. Kellagher; Jason M. Etchegaray, MD, PhD; Eric J. Thomas, MD, MPH; Lillian S. Kao, MD, FACS; Kevin P. Lally, MD, FACS; KuoJen Tsao, MD, FACS. *From the Center for Surgical Trials and Evidence-Based Practice, Houston, TX; Children's Memorial Hermann Hospital, Houston, TX; and University of Texas Health Science Center at Houston*

DISCUSSANT: Jeffrey M. Gauvin, MD, *Santa Barbara, CA*

Establishing Passing Scores for Technical Performance in Surgery: Lessons Learned from a Ten-Year Experience of Resident Assessment

Sandra de Montbrun, MD, Med, FRCSC; Lisa M. Satterthwaite, RPN, ORT; Shunne Leung; Teodor P. Grantcharov, MD, PhD, FACS. *From the University of Toronto, Toronto, ON*

DISCUSSANT: Carlos V.R. Brown, MD, FACS, *Austin, TX*

Trainee Participation in Pancreaticoduodenectomy Is Associated with Reduced Mortality and Equivalent Morbidity

Patrick Varley; John R. Klune, MD; David A. Geller, MD, FACS; Allan Tsung, MD, FACS. *From the University of Pittsburgh, PA*

DISCUSSANT: Donald D. Potter, MD, FACS, *Iowa City, IA*

General Surgery Training and Robotics: Are Residents Improving Their Skills?

Brendan M. Finnerty, MD; Anna Aronova, MD; Cheguevara Afaneh, MD; Thomas J. Fahey III, MD; Rasa Zarnegar, MD, FACS. *From Weill Cornell Medical College-New York Presbyterian Hospital, New York, NY*

DISCUSSANT: Matthew A. Steliga, MD, FACS, *Little Rock, AR*

Six in One Hand May Not Be a Half Dozen in the Other: Learning Among the Different Professional Students in Simulation-Based OR Team Training

John T. Paige, MD, FACS; James Leithead, MD; Deborah Garbee, PhD; Qingzhao Yu, PhD; Vadym Rusnak, MD; Vladimir Kiselov, MD. *From the Louisiana State University Health New Orleans Health Sciences Center, New Orleans*

DISCUSSANT: Charles D. Goldman, MD, FACS, *Des Moines, IA*

SF23 | 12:45 - 2:15 pm

Ethics

Location: Moscone South, Esplanade Level, Room 303

TRACK: ETH

MODERATOR: Peter Angelos, MD, PhD, FACS, *Chicago, IL*

MODERATOR: Mark C. Weissler, MD, FACS, *Chapel Hill, NC*

The Benefit of Palliative Medicine in Trauma

Christine C. Toevs, MD, FACS; Frances H. Philp. *From Allegheny General Hospital, Pittsburgh, PA*

DISCUSSANT: Henri R. Ford, MD, FACS, *Los Angeles, CA*

Cognitive Status of Surgical Patients: Are They Capable of Understanding What We Explain?

Rosana Trapani; Mauricio Ramirez; Augusto T. Ferreres, MPH; Anibal J. Rondan; Marcelo J. Fasano; Gustavo C. Alarcia; Pablo J. Miguel; Julieta Cameli-one; Alberto R. Ferreres, MD, PhD, JD, MPH, FACS. *From the University of Buenos Aires, Argentina*

DISCUSSANT: Eric A. Singer, MD, *New Brunswick, NJ*

The Burden of Firearm Violence in the U.S.: Stricter Laws Result in Safer States

Viraj Pandit, MD; Peter M. Rhee, MD, FACS; Bardiya Zangbar, MD; Narong Kulvatunyou, MD, FACS; Terence O'Keefe, MB, BCh, FACS; Andrew L. Tang, MD, FACS; Donald J. Green, MD; Lynn Gries, MD; Randall S. Friese, MD, FACS; Bellal Joseph, MD, FACS. *From the University of Arizona, Tucson*

DISCUSSANT: Alberto R. Ferreres, MD, FACS, *Buenos Aires, Argentina*

A Medical Student Elective to Explore Issues in Clinical Ethics

Shuddhadeb Ray, MD; Ahmed M. Zihni, MD; Jason D. Keune, MD; Ira J. Kodner, MD, FACS; Douglas Brown, PhD. *From the Washington University School of Medicine, St. Louis, MO*

DISCUSSANT: Karen J. Brasel, MD, FACS, *Milwaukee, WI*

Asking Difficult Questions: Evaluating Resident-Initiated Ethics Discussions

Laura S. Johnson, MD; Jason Lesandrini; Nneka O. Mokwunye, PhD. *From the Medstar Washington Hospital Center, Washington, DC*

DISCUSSANT: Karen J. Brasel, MD, FACS, *Milwaukee, WI*

The Complexity of Ethics: A Multidimensional Analysis of Biomedical Ethics in Surgical Residency

Kamela K. Scott, PhD; David J. Chesire, PhD; Michael S. Nussbaum, MD, FACS. *From the University of Florida College of Medicine, Jacksonville*

DISCUSSANT: Gretchen M. Schwarze, MD, FACS, *Madison, WI*

The Effect of Seed Grants on Surgical Ethics Education and Research

Shuddhadeb Ray, MD; Ahmed M. Zihni, MD; Jason D. Keune, MD; Mary E. Klingensmith, MD, FACS; Douglas Brown, PhD; Ira J. Kodner, MD, FACS. *From Washington University, St. Louis School of Medicine, St. Louis, MO*

DISCUSSANT: Gretchen M. Schwarze, MD, FACS, *Madison, WI*

SF24 | 2:30 - 5:45 pm

Cardiothoracic Surgery II*Location: Moscone North, Exhibit Level, Room 120*

TRACK: CTS

MODERATOR: Frederick Y. Chen, MD, FACS, *Boston, MA*CO-MODERATOR: Lawrence H. Cohn, MD, FACS, *Boston, MA*CO-MODERATOR: Jon O. Wee, MD, FACS, *Boston, MA*

2014 Excellence in Research Award Recipient:

Christopher Holley, MD, *Minneapolis, MN***Inhibition of GRK2 Prevents Cardiac Fibroblast-Mediated Maladaptive Ventricular Remodeling**Jennifer L. Philip, MD; Xianyao Xu; Mei Han; Jinju Li, PhD; M. Abdur Razzaque, PhD; Shahab A. Akhter, MD, FACS. *From the University of Chicago, IL, and University of Wisconsin, Madison*DISCUSSANT: Ravi K. Ghanta, MD, *Charlottesville, VA***A Systematic Review of Techniques for the Management of Intrathoracic Esophageal Leak Following Esophagectomy**Lara Schaeen, MD; Katie S. Nason, MD, MPH, FACS; Shanda H. Blackmon, MD, MPH, FACS. *From the University of Pittsburgh, PA, and The Mayo Clinic, Rochester, MN*DISCUSSANT: Daniel S. Oh, MD, *Los Angeles, CA***Cardiac Peroxisome Proliferator-Activated Receptor- γ (PPAR- γ) and PPAR- β Activity Is Up-Regulated in the Absence of Muscle RING Finger-2 (MuRF2) and MuRF3, Respectively, and Exaggerates High-Fat Diet-Induced Cardiomyopathy**Megan T. Quintana, MD; Jun He, MD, PhD; William E. Stansfield, MD; Monte S. Willis, MD, PhD. *From the University of North Carolina School of Medicine, Chapel Hill*DISCUSSANT: Robert S. Farivar, MD, *Philadelphia, PA***Myocardial Inflammation Is Reduced by CoQ10 Supplementation Following CABG in a Swine Model of Hibernating Myocardium**Christopher Holley, MD; Eric K. Long, PhD; Melanie Crampton; Edward O. McFalls, MD, PhD; Rosemary F. Kelly, MD, FACS. *From the University of Minnesota, Minneapolis, and Veterans Affairs Medical Center Minneapolis, MN*DISCUSSANT: Ravi K. Ghanta, MD, *Charlottesville, VA***Predictors of Hospital Readmission Following Lung Transplantation**Tyler Grenda, MD; William B. Weir; Vibha Lama, MD; Rishindra M. Reddy, MD, FACS; Kevin M. Chan, MD; Andrew C. Chang, MD, FACS; Jules Lin, MD, FACS. *From the University of Michigan, Ann Arbor*DISCUSSANT: Jasleen Kukreja, MD, *San Francisco, CA***Risk Factors and Outcomes of Patients Requiring a Permanent Pacemaker after Aortic Valve Replacement in the U.S.**Michael P. Robich, MD; Nicholas K. Schiltz, PhD; Douglas R. Johnston, MD; Stephanie Mick, MD; Rodrigo A. Iglesias, MBA; Dustin Hang; Edward G. Soltesz, MD. *From the Cleveland Clinic, OH, and Case Western Reserve University School of Medicine, Cleveland, OH*DISCUSSANT: Edward G. Soltesz, MD, *Cleveland, OH***Profiling Hospital Performance: Adherence to Guidelines for Perioperative Lung Cancer Staging**Leah M. Backhus, MD, MPH, FACS; Farhood Farjah, MD, MPH; Steven Zeliadt, PhD, David R. Flum, MD, MPH, FACS. *From the University of Washington, Seattle*DISCUSSANT: Sudish C. Murthy, MD, PhD, FACS, *Cleveland, OH***Impact of Respiratory Complications on Resource Utilization after Esophagectomy for Esophageal Cancer**Abhishek Sundaram, MB, BS; Kush R. Lohani, MB, BS; Tommy Lee, MD; Jeffrey Sugimoto, MD; Sumeet K. Mittal, MD, FACS. *From Creighton University, Omaha, NE*DISCUSSANT: James Huang, MD, FACS, *New York, NY***Glycoconjugate Expression in the Tissue-Engineered Lung Scaffold after Murine Pneumonectomy**Robert D. Bennett, MD, FACS; Alexandra B. Ysasi; Janeil M. Belle, MD; Willi L. Wagner; Maximilian Ackermann, MD; Moritz A. Konerding, MD; Akira Tsuda, PhD; Steven J. Mentzer, MD, FACS. *From Brigham and Women's Hospital, Boston, MA; University Medical Center of the Johannes Gutenberg-University, Mainz, Germany; and Harvard School of Public Health, Boston, MA*DISCUSSANT: Bryan M. Burt, MD, *Stanford, CA***The Association Between Diabetes and Esophageal Cancer, Independent of Obesity, in the U.S. Veterans Affairs Population**Jennifer L. Dixon, MD; Laurel Copeland, PhD; John Zeber, PhD; Andrea MacCarthy, PhD; Scott I. Reznik, MD, FACS; William R. Smythe, MD, FACS; Philip A. Rascoe, MD, FACS. *From the Veterans Affairs Hospital, Temple, TX, and Scott & White Memorial Hospital, Temple, TX*DISCUSSANT: Siva Raja, MD, PhD, *Cleveland, OH***Diazoxide Cardioprotection Is Independent of Adenosine Triphosphate—Sensitive Potassium Channel Kir 6.1****Subunit in Response to Stress**M. Burhan Janjua, MD; Haixia Zhang, PhD; Matthew C. Henn, MD; Carol M. Makepeace; Evelyn M. Kanter; Richard Schuessler; Colin C. Nichols, PhD; Jennifer S. Lawton, MD, FACS. *From Washington University School of Medicine, St. Louis, MO*DISCUSSANT: Edward G. Soltesz, MD, *Cleveland, OH***A Novel Platform for Proteomic Analysis of Proximal Source Pulmonary Venous Blood Identifies Potential Biomarkers for Non-Small Cell Lung Cancer**Christopher J. Agrusa, MD; Raffaella Sordella, PhD; Subroto Paul, MD, FACS; Paul C. Lee, MD, FACS; Jeffrey Port, MD; Nasser K. Altorki, MD, FACS; Brendon M. Stiles, MD, FACS. *From New York Presbyterian/Weill Cornell Medical College, New York City, and Cold Spring Harbor Laboratory Cold, Spring Harbor, NY*DISCUSSANT: Jane Yanagawa, MD, *Los Angeles, CA*

SF25 | 2:30 - 5:45 pm

Geriatric Surgery and Palliative Care

Location: Moscone North, Exhibit Level,
Room 122/125

TRACKS: GER

MODERATOR: Zara Cooper, MD, FACS, *Boston, MA*MODERATOR: Gretchen M. Schwarze, MD, FACS, *Madison, WI*

2014 Excellence in Research Award Recipient:
Bardiya Zangbar, MD, *Tucson, AZ*

Effect of Pre-Admission Beta-Blocker Use on Outcomes in a National Sample of Elderly Americans Admitted with Acute Cholecystitis

Courtney Collins, MD; Julie M. Flahive; Fred A. Anderson, Jr., PhD; Heena P. Santry, MD, FACS. *From the University of Massachusetts Medical School, Worcester*

DISCUSSANT: Saman Arbabi, MD, MPH, FACS, *Seattle, WA*

Emergency General Surgery in the Elderly: Too Old or Too Frail?

Bellal Joseph, MD, FACS; Viraj Pandit, MD; Bardiya Zangbar, MD; Narong Kulvatunyong, MD, FACS; Andrew L. Tang, MD, FACS; Terence O'Keeffe, MBChB, FACS; Donald J. Green, MD, FACS; Mindy J. Fain, MD; Randall S. Friese, MD, FACS; Peter M. Rhee, MD, FACS. *From the University of Arizona, Tucson*

DISCUSSANT: Adil H. Haider, MB, BS, MPH, FACS, *Boston, MA*

Are Geriatric Patients at Increased Risk of Appendiceal Perforation?

Michael R. Phillips, MD; Rachel M. Machta; Sasha D. Adams, MD, FACS; Sean E. McLean, MD, FACS; Anthony G. Charles, MB, BS, MD, MPH, FACS. *From the University of North Carolina School of Medicine, Chapel Hill*

DISCUSSANT: Emily V. A. Finlayson, MD, FACS, *San Francisco, CA*

Emergency General Surgery in Older Patients: A National Comparison of Presentation and Outcomes

Syed Nabeel Zafar, MD, MPH; Adil A. Shah, MD; Zain G. Hashmi, MB, BS; Aftab Iqbal, MD; Wendy R. Greene, MD, FACS; Edward E. Cornwell III, MD, FACS; Adil H. Haider, MB, BS, MPH, FACS. *From Howard University, Washington, DC, and Johns Hopkins University, Baltimore, MD*

DISCUSSANT: Kristen L. Staudenmayer, MD, FACS, *Stanford, CA*

Risk-Assessment in Elderly Patients Undergoing Emergency Surgery for Complicated Appendicitis—Serum Albumin Above Other Indices

Doris Wagner, MD; Georg Werkgartner, MD; Johann Pfeiffer, MD; Regina E. Roller, MD; Mathias Wagner; Hans Jörg Mischinger, MD. *From the Medical University Graz, Austria*

DISCUSSANT: Ronnie Rosenthal, MD, FACS, *New Haven, CT*

PA

Utilization of Palliative Care Consultation Service by Surgical Services at University of New Mexico

Rodrigo Rodriguez, MD; Lisa Marr, MD; Venita K. Wolfe; Ashwani Rajput, MD, FACS; Bridget N. Fahy, MD, FACS. *From the University of New Mexico, Albuquerque*

DISCUSSANT: Michael S. Weinstein, MD, FACS, *Philadelphia, PA*

Missed Opportunities for Palliative Care: Identifying the Palliative Care Needs in the Elderly Trauma Population

Sarah B. Bryczkowski, MD; Edward Mulligan; Sangeeta Lamba, MD; Maeve C. Lopreiato, RN, MPH; Leslie S. Tyrie, MD, FACS; Anastasia Kunac, MD, FACS; Anne C. Mosenthal, MD, FACS. *From Rutgers New Jersey Medical School, Newark*

DISCUSSANT: Robert S. Krouse, MD, FACS, *Tucson, AZ*

Analysis of Inpatient Palliative Care Consultations Obtained for Surgical Patients

Ahmed M. Zihni, MD; Shuddhadeb Ray, MD; Iheoma Nwaogu, MD; Jason D. Keune, MD; Douglas Brown, PhD; Ira J. Kodner, MD, FACS; Maria Dans, MD. *From Washington University School of Medicine, St. Louis, MO*

DISCUSSANT: Dan G. Balzer, MD, FACS, *Durham, NC*

Long-Term Outcomes of Prolonged Life Supporting Treatment after High-Risk Operations

Michael J. Nabozny, MD; Amber E. Barnato, MD, MPH; Paul J. Rathouz, PhD; Amy J. Kind, MD, PhD; William J. Ehlenbach, MD; Qianqian Zhao; Jeffrey A. Havlena; Maureen A. Smith, MD, MPH, PhD; Caprice C. Greenberg, MD, MPH, FACS; Margaret L. Schwarze, MD, FACS. *From the University of Wisconsin, Madison, and University of Pittsburgh, PA*

DISCUSSANT: Bridget N. Fahy, MD, FACS, *Houston, TX*

Lethality and Cost of Medication-Related Complications in Elderly Surgical Patients: Lessons Learned from a Harm Reduction Campaign

Peter D. Adams, MD; Ryan Kather; Justin L. Chamberlain, MD; Ilan S. Rubinfeld, MD, FACS. *From the Henry Ford Health System, Detroit, MI*

DISCUSSANT: Michael E. Zenilman, MD, FACS, *Bethesda, MD*

Comparing the Influence of Age and Body Mass Index on Outcomes after Laparoscopic Cholecystectomy

Chad M. Hall, MD; Daniel C. Jupiter, PhD; Justin L. Regner, MD, FACS. *From Scott and White, Temple, TX*

DISCUSSANT: Heena P. Santry, MD, FACS, *Worcester, MA*

Predictors of Mortality Beyond 30 Days in Older Patients after Emergent Major Abdominal Surgery: Data from the Health and Retirement Survey

Zara Cooper, MD, FACS; Susan L. Mitchell, MD, MPH; Rebecca J. Gorges; Ronnie A. Rosenthal, MD, FACS; Stuart R. Lipsitz, ScD; Amy S. Kelley, MD. *From the Brigham and Women's Hospital, Boston, MA*

DISCUSSANT: Thomas N. Robinson, MD, FACS, *Aurora, CO*

SF26 | 2:30 - 5:45 pm

Plastic and Maxillofacial Surgery II*Location: Moscone North, Exhibit Level, Room 123*

TRACK: PLA

MODERATOR: Evan Matros, MD, FACS, *New York, NY*MODERATOR: Arin K. Greene, MD, FACS, *Boston, MA***Analysis of Lower Back Pain after Autologous Breast Reconstruction Using the TRAM Flap**

Dev Vibhakar, DO; Matt Jenkins, MD; David Hindin, MD; Erik Chang, MD; Neal Topham, MD, FACS; Sameer A. Patel, MD, FACS. *From the Temple University Health System, Philadelphia, PA, and Fox Chase Cancer Center, Philadelphia, PA*

DISCUSSANT: Jayant P. Agarwal, MD, FACS, *Salt Lake City, UT*

Development and Validation of a Stratification Tool for Identifying Breast Cancer Patients with Elevated Body Mass Index at Increased Risk for Surgical Site Infections

Karim A. Sarhane, MD; Jose M. Flores, MPH; Andrew D. Shore, PhD; Pablo A. Baltodano, MD; Francis M. Abreu; Gedge D. Rosson, MD; Martin A. Makary, MD, FACS; W.P. Andrew Lee, MD; Gerald Brandacher, MD; Justin M. Sacks, MD, FACS. *From the Johns Hopkins University, Baltimore, MD*

DISCUSSANT: Sameer A. Patel, MD, FACS, *Philadelphia, PA*

National Trends in the Incidence of and Complications after Bilateral Mastectomy and Immediate Breast Reconstruction from 2005 to 2012

Alvin C. Kwok, MD, MPH; Isak A. Goodwin, MD; Jian Ying, PhD; Jayant P. Agarwal, MD, FACS. *From the University of Utah, Salt Lake City*

DISCUSSANT: Evan S. Garfein, MD, *New York, NY*

Enhanced Nerve Regeneration by Minimizing Intraneural Scarring Using a Semi-Permeable Nano-Construct Nerve Wrap

Karim A. Sarhane, MD; Zuhair Ibrahim, MD; Russell Martin; Kellin Krick; Chris Cashman; Sami H. Tuffaha, MD; Ruifa Mi, MD, PhD; W.P. Andrew Lee, MD; Hai-Quan Mao, PhD; Gerald Brandacher, MD. *From the Johns Hopkins University, Baltimore, MD*

DISCUSSANT: Joseph Dayan, MD, *New York, NY*

Regenerative Peripheral Nerve Signal during Fatigue Conditions

Ian C. Sando; Zachary P. French; Cheryl A. Hassett; Jana D. Moon; Nicholas B. Langhals; Paul S. Cederna; Melanie G. Urbanchek. *From the University of Michigan, Ann Arbor*

DISCUSSANT: Joseph Dayan, MD, *New York, NY*

A Prospective, Randomized, Controlled Pilot Study of Noncontact Low-Frequency Ultrasound (NLFU) to Accelerate Healing of Split Thickness Donor Sites

Jamie Prather, MD; Evan Tummel, MD; Jane Nichols, RN; Ami Patel; Lisa J. Gould, MD, PhD, FACS. *From the University of South Florida, Tampa, and James A. Haley Veterans Hospital, Tampa, FL*

DISCUSSANT: Howard Levinson, MD, FACS, *Durham, NC*

Sutureless Microvascular Anastomosis for Clinical Application Using Poloxamer 188 as an Optimal Transient Thermoreversible Stent

Christopher R. Davis, MB, BCh, MRCS; C. Travis Rappleye; Peter Than, MD; Arnetha J. Whitmore; Zeshaan N. Maan, MB, BS, MRCS; Melanie Rodriguez, PhD; Sarah N. Bishop, MD; Shadi Ghali, MD, FRCS; Adriaan O. Grobbelaar, FRCS; Geoffrey C. Gurtner, MD, FACS. *From Stanford University, CA*

DISCUSSANT: Babak J. Mehrara, MD, FACS, *New York, NY*

Obesity-Induced Lymphedema: Presentation, Diagnosis, and Management

Reid A. Maclellan, MD; Arin K. Greene, MD, FACS. *From the Boston Children's Hospital/Harvard Medical School, MA*

DISCUSSANT: Babak J. Mehrara, MD, FACS, *New York, NY*

Macrophages Regulate Tissue Fibrosis in Lymphedema

Swapna Ghanta, MD; Daniel A. Cuzzzone, MD; Nicholas J. Albano; Ira L. Savetsky, MD; Jason C. Gardener, MD; Jeremy S. Torrisi; Walter J. Joseph; Babak J. Mehrara, MD, FACS. *From the Memorial Sloan Kettering Cancer Center, New York, NY*

DISCUSSANT: Arin K. Greene, MD, FACS, *Boston, MA*

The Optimal Fat Graft: Evaluating the Biomechanical Effects of Diameter, Length, and Flow Rate during Fat Placement

David Atashroo; Jordan Raphael; Taylor Wearda; Kevin Paik; Elizabeth R. Zielins, MD; Adrian McArdle, MB, BCh, MRCSI; Graham G. Walmsley; Ruth Tevlin, MB BAO BCh, MRCSI; Michael S. Hu, MD, MPH; Michael T. Longaker, MD, MBA, FACS. *From Stanford University, CA*

DISCUSSANT: Evan Matros, MD, FACS, *New York, NY*

Difference in Inflammatory Response and Number of Blood Vessels in Two Surgical Planes after Placing a Biological Mesh in the Abdominal Wall

Darnell J. Brown, MD, MPH; Michael G. Franz, MD, FACS; Henry C. Hsia, MD, FACS; Patrick G. De Deyne, MPT, PhD. *From Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, and Life Cell Corporation, Branchburg, NJ*

DISCUSSANT: Howard Levinson, MD, FACS, *Durham, NC*

SF27 | 2:30 - 5:45 pm

Quality, Safety, and Outcomes III*Location: Moscone South, Esplanade Level, Room 303*

TRACKS: EDU, HP

MODERATOR: George J. Chang, MD, FACS, *Houston, TX*CO-MODERATOR: Luke M. Funk, MD, *Madison, WI***Randomized Prospective Study on Preoperative versus Postoperative Venous Thromboprophylaxis in Patients Undergoing Major Colorectal Surgery—An Interim Analysis**

Karen Zaghiyan, MD; Harry C. Sax, MD; Seth Felder, MD; Alexandra Gangi, MD; David Cossman, MD; Phillip R. Fleshner, MD, FACS. *From Cedars-Sinai Medical Center, Los Angeles, CA*

DISCUSSANT: Scott E. Regenbozen, MD, FACS, *Ann Arbor, MI*

The Need for Nigro: Adherence to Anal Cancer Treatment Guidelines Saves Sphincters

Christian P. Probst, MD; Christopher T. Aquina, MD; Kristin N. Kelly, MD; James C. Iannuzzi, MD, MPH; Aaron S. Rickles, MD, MPH; Katia Noyes, PhD, MPH; John R.T. Monson, MD, FACS; Fergal J. Fleming, MD. *From the Surgical Health Outcomes and Research Enterprise, Rochester NY, and University of Rochester Medical Center, NY*

DISCUSSANT: Kim F. Rhoads, MD, MPH, FACS, *Stanford, CA*

Risk Factors and Consequences of Anastomotic Leaks after Colectomy

Emily F. Midura, MD; Dennis J. Hanseman, PhD; Bradley R. Davis, MD, FACS; Janice F. Rafferty, MD, FACS; Daniel E. Abbott, MD; Shimul A. Shah, MD, FACS; Ian M. Paquette, MD, FACS. *From the University of Cincinnati College of Medicine, OH*

DISCUSSANT: Mary R. Kwaan, MD, MPH, FACS, *Minneapolis, MN*

Source-Dependent Mortality Differences in Gastric Bypass Surgery: Do We Really Know Who's Dead?

Christopher A. Guidry, MD; Stephen W. Davies, MD, MPH; Amani D. Politano, MD; Robert G. Sawyer, MD, FACS; Bruce D. Schirmer, MD, FACS; Margaret C. Tracci, MD, FACS; Peter T. Hallowell, MD, FACS. *From the University of Virginia, Charlottesville*

DISCUSSANT: Amir A. Ghaferi, MD, *Ann Arbor, MI*

Unequal Burden of Injury at Level I Trauma Centers: The Case for Efficiency in Resource Allocation for Optimal Trauma Care

Zain G. Hashmi, MB, BS; Syed Nabeel Zafar, MD, MPH; Adil A. Shah, MD; Eric B. Schneider, PhD; William R. Leeper, MD, FRCSC; Elliott R. Haut, MD, FACS; Edward E. Cornwell III, MD, FACS; Adil H. Haider, MB, BS, MPH, FACS. *From the Johns Hopkins University School of Medicine, Baltimore, MD*

DISCUSSANT: Mayur B. Patel, MD, FACS, *Nashville, TN*

Using a Trauma Registry and Quality Indicators to Evaluate Trauma Care in Rwanda

J.C. Allen Ingabire, MD, MPH; Jean Claude Byiringiro, MD, MMed; James F. Calland, MD, FACS; Robin T. Petroze, MD, MPH; Georges Ntakiyiruta, MD, MMed, FCSECSA; Sudha Jayaraman, MD. *From the University Teaching Hospital of Kigali, Rwanda*

DISCUSSANT: Alex B. Haynes, MD, *Boston, MA*

Unplanned Related Readmissions Following Colectomy for Colorectal Cancer: Insights Using the 2012 American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®) Data

Kristine M. Thomsen; Stephanie Polites, MD; Sharon A. Nehring, RN, BSN; Christopher R. Shubert, MD; David A. Etzioni, MD, FACS, FASCRS; Robert R. Cima, MD, FACS; Elizabeth B. Habermann, PhD, MPH. *From the Mayo Clinic, Rochester MN*

DISCUSSANT: Gregory D. Kennedy, MD, PhD, FACS, *Madison, WI*

The Effects of Language Concordant Care on Patient Satisfaction and Clinical Understanding for Hispanic Pediatric Surgery Patients

Jonathan L. Dunlap, MD; Joshua D. Jaramillo; Raji Koppolu, RN, CPNP; Robert C. Wright; Fernando

S. Mendoza, MD, MPH; Matias Bruzoni, MD, FACS.

From Stanford University Medical Center, CA

DISCUSSANT: Lilian S. Kao, MD, FACS, *Houston, TX*

An International Multi-Institutional Delphi Consensus Study on Post-Thyroidectomy Discharge Instructions: Are We Smarter than a Fifth Grader?

Aaron Scott, MD; Cody Sanderson; Aanand D. Naik, MD; David H. Berger, MD, MHCM, FACS; James W. Suliburk, MD, FACS. *From the Baylor College of Medicine, Houston, TX*

DISCUSSANT: Wen T. Shen, MD, FACS, *San Francisco, CA*

Are Patients Traveling Farther for Complex Cancer Surgery? An Evaluation of Patient Travel Time and the Impact of High-Volume Hospitals

Ravi Rajaram, MD; Jennifer L. Paruch, MD; Bryan Palis; Sanjay Mohanty, MD; Clifford Y. Ko, MD, MS, MSHS, FACS, FASCRS; David P. Winchester, MD, FACS; Karl Y. Bilimoria, MD, FACS. *From the Center for Health Care Studies, Northwestern University Feinberg School of Medicine and Division of Research and Optimal Patient Care, the American College of Surgeons, Chicago, IL*

DISCUSSANT: Karen B. Stizenberg, MD, MPH, *Chapel Hill, NC*

Do Hospitals Vary in Their Utilization of Post-Acute Care Services after Colectomy?

Greg D. Sacks, MD, MPH; Elise H. Lawson, MD; Aaron J. Dawes, MD; Marcia M. Russell, MD, FACS; Melinda Gibbons, MD, FACS; Clifford Y. Ko, MD, MS, MSHS, FACS, FASCRS. *From the David Geffen School of Medicine at University of California, Los Angeles*

DISCUSSANT: Elizabeth C. Wick, MD, FACS, *Baltimore, MD*

How Much Does It Cost? Physician Misperception of the Costs of Health Care

Nnaemeka M. Ndubisi; Swapnil D. Kachare, MD, MBA; Benjamin S. Robey; Brian Floyd; Seth Van Essendelft; Richard S. Zeri, MD, FACS; Walter J. Pories, MD, FACS. *From the East Carolina University, Greenville, NC*

DISCUSSANT: Daniel E. Abbott, MD, *Cincinnati, OH*

SF28 | 2:30 - 5:45 pm

Vascular Surgery II

Location: Moscone North, Exhibit Level, Room 121/124

TRACK: VAS

MODERATOR: Peter K. Henke, MD, FACS, *Ann Arbor, MI*

MODERATOR: Bryan W. Tillman, MD, *Pittsburgh, PA*

Contemporary Abdominal Aortic Aneurysm Care in ACS NSQIP®: Hospital-Level Effects Dominate Mortality after Both Endovascular and Open Aneurysm Repair

Caitlin W. Hicks, MD; Elizabeth C. Wick, MD, FACS; James H. Black, MD, FACS; Isibor Arhuidese, MD, MPH; Umair Qazi, MD, MPH; Mahmoud B. Malas, MD, MHS, FACS. *From the Johns Hopkins Medical Institutions, Baltimore, MD*

DISCUSSANT: Virendra I. Patel, MD, *Boston, MA*

Mortality for Hemodialysis Patients Varies with Location as Demonstrated in The U.S. Renal Data System Database

Devin S. Zarkowsky, MD; Caitlin W. Hicks, MD; Joseph K. Canner, MHS; Isibor Arhuidese, MD,

MPH; Eric B. Schneider, PhD; Umair Qazi, MD, MPH; James H. Black, MD, FACS; Mahmoud B. Malas, MD, MHS, FACS. *From the Johns Hopkins Hospital, Baltimore, MD, and Dartmouth-Hitchcock Medical Center, Lebanon, NH*

DISCUSSANT: Matthew A. Corriere, MD, FACS, *Winston-Salem, NC*

The Clinical Impact of Restenosis after Femoropopliteal Stenting for Peripheral Arterial Occlusive Disease

Huong Truong; Miguel Montero-Baker, MD; Bernardino C. Branco, MD. *From the University of Arizona, Tucson*

DISCUSSANT: Louis L. Nguyen, MD, MPH, MBA, FACS, *Boston, MA*

Laser-Targeted Occlusion of Microvessels Induces Compensatory Intussusceptive Angiogenesis

Janeil M. Belle, MD; Grace S. Lee, MD; Alexandra B. Ysasi; Robert D. Bennett, MD, FACS; Maximillian Ackermann, MD; Willi L. Wagner; Moritz A. Konerding, MD; Akira Tsuda, PhD; Steven J. Mentzer, MD, FACS. *From Brigham and Women's Hospital, Boston, MA*

DISCUSSANT: Gale L. Tang, MD, *Seattle, WA*

Progenitor Mechanisms of Vascular Injury in Restenosis

Bryan W. Tillman, MD, PhD, FACS; Tara D. Richards; Alex Chen, MD, PhD; Albert D. Donnenberg, PhD; Vera Donnenberg, PhD. *From the University of Pittsburgh Medical Center, PA*

DISCUSSANT: Joseph C. Cleveland, Jr., MD, FACS, *Aurora, CO*

Risk-Stratified Analysis of Open vs. Fenestrated Repair of Complex Abdominal Aortic Aneurysms

Robert T. Lancaster, MD, MPH; Eric Twerdahl, MD; Jahan Mohebbi, MD; Emel Ergul; Christopher J. Kwolek, MD; Mark F. Conrad, MD; Richard P. Cambria, MD, FACS; Virendra I. Patel, MD, MPH. *From the Massachusetts General Hospital, Boston, MA*

DISCUSSANT: Shipra Arya, MB, BS, *Atlanta, GA*

Electrospun Poly(ester urethane) Urea Dressings Improve Wound Healing in Diabetic Mice

Christopher B. Washington, MD; Sang-Ho Ye, PhD; Hirokazu Sakaguchi, PhD; Ankur J. Shukla, MD; William R. Wagner; Edith Tzeng, MD, FACS. *From the University of Pittsburgh, Pittsburgh, PA*

DISCUSSANT: Katherine A. Gallagher, MD, *Ann Arbor, MI*

Deletion of Flk-1 and Its Target Protein, MAPkinase-2 Impairs Neovascularization and Perfusion in a Murine HindLimb Ischemia Model: A Double Knockout Study

Salim S. Abunnaja, MB, BCh; Vaithinathan Selvaraju, PhD; Mahesh Thirunavukkarasu, PhD; Lulu Rahman, MD; Juan A. Sanchez, MD, FACS; David W. McFadden, MD, FACS; J. Alexander Palesty, MD, FACS; Nilanjana Maulik, PhD, FAHA. *From the University of Connecticut Health Center, Farmington*

DISCUSSANT: Ulka Sachdev, MD, FACS, *Pittsburgh, PA*

Micromechanical Forces Trigger Tissue-Level Sprouting and Intussusceptive Angiogenesis

Janeil M. Belle, MD; Alexandra B. Ysasi; Robert D. Bennett, MD, FACS; Maximillian Ackermann, MD; Willi L. Wagner; Moritz A. Konerding, MD; Akira

Tsuda, PhD; Steven J. Mentzer, MD, FACS. *From the Brigham and Women's Hospital, Boston, MA*

DISCUSSANT: Edith Tzeng, MD, FACS, *Pittsburgh, PA*

Preoperative Frailty Independently Increases Risk of Unplanned Readmission and Associated Complications after Peripheral Vascular Interventions

Shipra Arya, MB, BS; Reshma Brahmabhatt, MD; Jennifer Gander, MPH; Yazan Duwayri, MD, FACS; Luke P. Brewster, MD, PhD, FACS; Ravi Veeraswamy, MD, FACS; Atef Salam, MD; Thomas F. Dodson, MD, FACS. *From the Emory University School of Medicine, Atlanta, GA, and Atlanta VA Medical Center, Decatur, GA*

DISCUSSANT: Jason M. Johannings, MD, FACS, *Omaha, NE*

Thursday, October 30

SF29 | 8:00 - 11:15 am

Innovative Clinical Technology

Location: Moscone North, Exhibit Level, Room 122/125

TRACK: INFO

MODERATOR: Dev M. Desai, MD, FACS, *Dallas, TX*

CO-MODERATOR: David P. Foley, MD, FACS, *Madison, WI*

Outcomes of 500 Cases of Single-Incision Laparoscopic Cholecystectomy in a Teaching Community Hospital in India Using Conventional Instrumentation

Vivek Bindal; Parveen Bhatia, FRCS; Rahul Singh; Sudhir Kalhan; Mukund Khetan; Suviraj J. John. *From the Sir Ganga Ram Hospital, New Delhi, India*

DISCUSSANT: Raul J. Rosenthal, MD, FACS, FASMB, *Weston, FL*

Urinary Tract Visualization with IRDye800CW-CA in Laparoscopic Surgery

Melissa L. Korb, MD; Warner K. Huh, MD; Jonathan D. Boone, MD; Jason M. Warram, PhD; Thomas K. Chung, MD; Esther de Boer; Kirby I. Bland, MD, FACS; Eben L. Rosenthal, MD, FACS. *From the University of Alabama at Birmingham*

DISCUSSANT: Michael Bouvet, MD, FACS, *San Diego, CA*

Noninvasive Intracranial Pressure Methods during Pneumoperitoneum in an Animal Model

Fernando Dip, MD; David Nguyen, MD; Emanuele Lomenzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; Eugenia Sztetter; Raul J. Rosenthal, MD, FACS. *From the Cleveland Clinic Florida, Weston, FL*

DISCUSSANT: James N. Lau, MD, FACS, *Stanford, CA*

Feasibility Study: Magnetic Compressed Extrahepatic Portal-Systemic Shunt in Cadaver

Xiaopeng Yan, PhD; Jianpeng Li, MD; Wenyan Liu, MD; Jia Ma, MD; Shanpei Wang, MD; Fei Xue, PhD; Jianwen Lu, MD; Feng Ma, MPH; Haohua Wang, PhD; Yi Lv, MD, PhD. *From the First Affiliated Hospital, Xi'an Jiaotong University, Xi'an, China*

DISCUSSANT: Moderator(s)

(P5)

Double Endoscopic Intraluminal Operation for Upper Digestive Tract Diseases—Proposal of a Novel Procedure

Hiroyuki H. Kuwano, MD, FACS. *From the Graduate School of Medicine, Gunma University, Maebashi, Japan*

DISCUSSANT: Homero Rivas, MD, FACS, *Stanford, CA*

Characterization of a Novel Optical Imaging Technique for Detection of Thyroid Cancer

Jacqueline I. Lee, MD; Marwan Hussein; Xinlong Wang; Brandon R. Swartz, MD; Shirley Yan, MD; Stacey L. Woodruff, MD, FACS; Fiemu E. Nwariaku, MD, FACS; Shelby A. Holt, MD, FACS; Han Li Liu, PhD; Jennifer L. Rabaglia, MD, FACS. *From the University of Texas Southwestern Medical Center, Dallas, and University of Texas, Arlington, Dallas*

DISCUSSANT: Moderator(s)

Feasibility of Augmented Reality Glasses for Real-Time, 3-D Intraoperative Guidance

Segundo J. Gonzalez, MD; Yanhui Guo, PhD; Marie C. Lee, MD, FACS. *From the H. Lee Moffitt Cancer Center and Research Institute, Tampa, FL, and Saint Thomas University, Miami, FL*

DISCUSSANT: Pierre R. Theodore, MD, *San Francisco, CA*

Conceptualizing Smartphone Use in Outpatient Wound Assessment: Patients' and Caregivers' Willingness to Utilize Technology

Jason T. Wiseman, MD; Sara Fernandes-Taylor, PhD; Adela Tomsejova; R. Scott Saunders, MD; Travis L. Engelbert, MD; K. Craig Kent, MD, FACS. *From the University of Wisconsin, Madison*

DISCUSSANT: Peter C. W. Kim, MD, FACS, *Washington, DC*

Mobile Wound Assessment Using Novel Computer Vision Methods

Kyle Wu; Ozgur Guler, PhD; Peng Cheng; Peter Kim, MD, CM, PhD. *From the Children's National Medical Center, Washington, DC*

DISCUSSANT: Sonia L. Ramamoorthy, MD, FACS, FASCRS, *La Jolla, CA*

Polyester Mesh Functionalization with Nitric Oxide Releasing Silica Nanoparticles Prevents Methicillin Resistant Staphylococcus Aureus Colonization and Biofilm Formation In-Vitro and In-Vivo

Joseph S. Fernandez-Moure, MD; Jeffrey L. Van Eps, MD; Seth Haddix; Nathan S. Bryan, PhD; Randal Olsen, MD, PhD; Fernando Cabrera, MD; Bradley K. Weiner, MD; Brian J. Dunkin, MD, FACS; Ennio Tasciotti, PhD. *From Houston Methodist Hospital, TX*

DISCUSSANT: Moderator(s)

Results of a Web-Based Patient Education Program in a Multicenter University Health System

Nicole E. Lopez, MD; Cristina R. Harnsberger, MD; Kathrin M. Troppmann, MD, FACS; Emily V. Finlayson, MD, FACS; Alessio Pigazzi, MD, FACS; Anne Y. Lin, MD, FACS; Sonia Ramamoorthy, MD. *From the University of California, San Diego, CA*

DISCUSSANT: Carla M. Pugh, MD, FACS, *Madison, WI*

Water Enema Computed Tomography Reliability and Reproducibility in Patients with Symptomatic Colonic Lesion

Aurélien Venara; Catherien Ridereau; Laurence L.T. Toque; Christine Casa; Antoine Hamy, MD; Emilie Lermite, PhD, MD. *From the University Hospital of Angers, France*

DISCUSSANT: Cindy J. Kin, MD, *Stanford, CA*

SF30 | 8:00 - 11:15 am

Quality, Safety, and Outcomes IV

Location: Moscone North, Exhibit Level, Room 121/124

(PtS)

TRACK: EDU, HP

MODERATOR: Lillian S. Kao, MD, FACS, *Houston, TX*

MODERATOR: Adil H. Haider, MB, BS, MPH, FACS, *Boston, MA*

Minorities and High-Volume Hospitals: Factors Influencing Underutilization of Surgical Treatment for Colorectal Cancer

Lyen C. Huang, MD, MPH; Thuy B. Tran, MD; Yifei Ma; Justine Ngo; Kim F. Rhoads, MD, MPH, FACS. *From Stanford University, CA*

DISCUSSANT: Arden M. Morris, MD, FACS, *Ann Arbor, MI*

Health Care Disparities and Risk Factors for Readmission after General Surgical Procedures

Georgios Kasotakis, MD, MPH; Elizabeth Peitzman, PA-C; Elizabeth G. King, MD; Nichole Starr, MPH; Christopher J. Hebert; Pamela Rosenkranz, RN MEd; Beda Sarkar, MD, PhD; David McAneny, MD, FACS; Peter A. Burke, MD, FACS; Gerard M. Doherty, MD, FACS. *From the Boston Medical Center, Boston University School of Medicine, MA*

DISCUSSANT: Samuel R. G. Finlayson, MD, MPH, FACS, *Salt Lake City, UT*

Reported Blood and Body Fluid Exposures in Employees at a Level I Trauma Center

Bradley S. Moffat, MD; Kenji Inaba, MD, FACS; Crystal Ives; Zenon Zuk, MD; Bernadino C. Branco, MD; Galinos Barmparas, MD; Stuart P. Swadron, MD, FRCPC(C), FACEP; Kelly N. Vogt, MD, FRCSC; Demetrios Demetriades, MD, PhD, FACS. *From Los Angeles County Hospital and University of Southern California, Los Angeles*

DISCUSSANT: Reza Askari, MD, FACS, *Boston, MA*

Line Operations Safety Audit: Pilot Study of Using Retired Physicians and Nurses to Administer an Aviation Safety Evaluation Tool to Measure Team Communication and Coordination in the Operating Room

Matthew Hall; Irene D. Castelin, RN, CNOR; James F. Calland, MD, FACS. *From the University of Virginia, Charlottesville*

DISCUSSANT: KuoJen Tsao, MD, *Houston, TX*

Musculoskeletal Strain in the Operating Room Personnel: A Single Institution Study

Fariba Jafari; Mehraneh D. Jafari, MD; Mark H. Hanna, MD; Karla M. Beltran; Noreen Borromeo-Manalo; Joseph C. Carmichael, MD, FACS; Steven D. Mills, MD, FACS; Michael J. Stamos, MD,

FACS; Alessio Pigazzi, MD, FACS. *From the University of California, Irvine, Orange*

DISCUSSANT: Oscar D. Guillamondegui, MD, MPH, FACS, *Nashville, TN*

Perioperative Tobacco Use Assessment and Smoking Cessation Intervention Among Urology Patients

Lindsay A. Hampson, MD; Anobel Y. Odisho, MD; Maxwell V. Meng, MD, FACS. *From the University of California, San Francisco*

DISCUSSANT: Thomas K. Varghese, Jr., MD, FACS, *Seattle, WA*

The Impact of an Acute Care Surgery Model at a Quaternary Care Non-Level 1 Trauma Center

Tony R. Capizzani, MD, FACS; Matthew L. Moorman, MD, FACS; Hari Keshava, MD; Karen E. Snyder, BSN, RN. *From the Cleveland Clinic, OH*

DISCUSSANT: Suresh Agarwal, MD, FACS, *Madison, WI*

Understanding the Role of Heuristics in Physician Non-Compliance with Trauma Triage Guidelines

Deepika Mohan, MD, FACS; Coreen Farris, PhD; Derek C. Angus, MD, MPH, FRCP; Baruch Fischhoff, PhD; Matthew R. Rosengart, MD, MPH, FACS; Donald M. Yealy, MD; Daniel Ricketts, MET; Amber E. Barnato, MD, MPH. *From the University of Pittsburgh, PA; Rand Corporation, Pittsburgh, PA; and Carnegie Mellon University, Pittsburgh, PA*

DISCUSSANT: Lillian S. Kao, MD, FACS, *Houston, TX*

The Impact of Untreated Obstructive Sleep Apnea on Cardiopulmonary Complications in General and Vascular Surgery: A Cohort Study

Zaid Abdelsattar, MD; Samantha Hendren, MD, MPH, FACS; Sandra L. Wong, MD, FACS; Darrell A. Campbell, Jr., MD, FACS; Satya Krishna Ramachandran, MD, FRCA. *From the University of Michigan, Ann Arbor*

DISCUSSANT: Andrew S. Wright, MD, FACS, *Seattle, WA*

Costs, Outcomes, and Value in Major Lung Resection: Do All Patients Benefit Equally from High-Volume Referral?

Elliot Wakeam, MD; Joseph A. Hyder, MD, PhD; Roland A. Hernandez, MD, JD; Stuart R. Lipsitz, ScD; Samuel R.G. Finlayson, MD, MPH, FACS. *From the Brigham and Women's Hospital, Boston, MA, and University of Toronto, ON*

DISCUSSANT: Farhood Farjah, MD, MPH, *Seattle, WA*

Process-of-Care Utilization in Lung Cancer Surgery

Meghan R. Flanagan, MD; Thomas K. Varghese, MD, FACS; Leah M. Backhus, MD, MPH, FACS; Douglas E. Wood, MD; Michael S. Mulligan, MD, FACS; Aaron M. Cheng, MD, FACS; Rafael Alfonso-Cristancho, MD, PhD; David R. Flum, MD, MPH, FACS; Farhood Farjah, MD, MPH. *From the University of Washington Medical Center, Seattle*

DISCUSSANT: David D. Chang, *San Diego, CA*

Why Do Surgeons Fail to Disclose Medical Errors?

Zeinab Alawadi, MD; Jason M. Etchegaray, MD, PhD; Madelene Ottosen; Aitebureme Aigbe, MPH; Emily Webster, MPH; Lillian S. Kao, MD, FACS; Eric J. Thomas, MD, MPH. *From the University of Texas Health Science Center-Houston*

DISCUSSANT: Mayur Narayan, MD, MPH, MBA, *Baltimore, MD*

Video-Based Education Sessions (VE)

These popular and well-attended sessions feature presentations by surgeons showcasing surgical procedures and current subjects across the spectrum of surgical practice. Each video has been submitted by the author(s) and has been reviewed and accepted by the Committee on Video-Based Education, the sponsor of all video-based education sessions.

Alphabetical Index to Sessions

Bariatric Surgery.....	156
Best Videos from the Past	150
Cardiothoracic Surgery	143
Challenging and Unusual Problems in Surgery....	146
Clinical Workshop Through Video	146
Colon and Rectal Surgery I	144
Colon and Rectal Surgery II.....	153
Controversies in General Surgery.....	143
Endocrine Surgery	152
General Surgery I	145
General Surgery II	149
General Surgery III	155
Hepatobiliary Surgery I	149
Hepatobiliary Surgery II.....	156
International Video Session.....	153
Movie Classics from the Past	148
Neurological Surgery	148
Obstetrics and Gynecology.....	147
Otolaryngology—Head and Neck Surgery.....	151
Pancreas Surgery	147
Pediatric Surgery	155
Subject-Oriented Symposium I: Spectacular Hernias A to Z	148
Subject-Oriented Symposium II: Heroes in Surgery: Our Legacy.....	148
Subject-Oriented Symposium III: Complications in General Surgery	150
Subject-Oriented Symposium IV: ACS Video Atlas Showcase: Pancreas Surgery Volume.....	152
Trauma.....	154
Urological Surgery	151
Vascular Surgery.....	152

Monday, October 27

VE01 | 9:45 - 11:15 am

Controversies in General Surgery

Location: Moscone North, Exhibit Level, Room 135

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:

Daniel M. Herron, MD, FACS, *New York, NY*
Patrick R. Reardon, MD, FACS, *Houston, TX*
William O. Richards, MD, FACS, *Mobile, AL*

Spontaneous Gastric Rupture Due to Sodium Bicarbonate Treated by Laparoscopic Repair

Juan D. Hernandez, MD, FACS; Michelle C. Salazar; Gabriel Herrera, MD, FACS; Ricardo Nassar, MD; *Bogota, Colombia*

Intragastric Resection of Gastric Gastrointestinal Stromal Tumors

Hisakazu Hoshi, MD, FACS; Henning Gerke, MD; *Iowa City, IA*

Repair of a Giant Type IV Hiatal Hernia with Mesh

Cyrus Jahansouzi; Sayeed Ikramuddin, MD, FACS; *Minneapolis, MN*

Laparoscopic-Assisted Transabdominal Preperitoneal Repair of a Strangulated Femoral Hernia with Small Bowel Resection

Khoi Le, MD; W. Borden Hooks III, MD, FACS; William W. Hope, MD, FACS; *Wilmington, NC*

Endoscopic Retrograde Appendicitis Therapy for the Treatment of Acute Uncomplicated Appendicitis

Bing-Rong Liu, MD, PhD, *Harbin, China*

Robotic Incisional Hernia Repair with Primary Fascial Closure and Biologic Mesh

Kristen B. Mason, MD; Mohammad F. Shaikh, MD; Alexander E. Poor, MD; Erica R. Podolsky, MD; Edward A. Fazendin, MD; Lucian Panait, MD; Andres E. Castellanos, MD; *Philadelphia, PA*

Firefly in the Identification of a Small Neuroendocrine Tumor of the Pancreas

Kristin Patton, MD; Despoina Daskalaki, MD; Mario Masrur, MD; Raquel Gonzalez Heredia, MD, PhD; Vivek Bindal, MS, MRCS, DNB, FNB; Francesco Bianco, MD; Pier C. Giulianotti, MD, FACS; *Chicago, IL*

The Technique of Robotic Transaxillary

Parathyroidectomy

Eren Berber, MD, FACS; Shamil Aliyev, MD; Halit E. Taskin, MD; Erol Aksoy, MD; Muhammet Akyuz, MD; Cem Dural, MD; Priya Iyer, MD; *Cleveland, OH*

VE02 | 9:45 am - 1:00 pm

Cardiothoracic Surgery

Location: Moscone South, Esplanade Level, Room 305

TRACK: CTS

COORDINATOR AND PRESIDING OFFICER:

Dawn E. Jaroszewski, MD, FACS, *Phoenix, AZ*

PANELISTS:

Francisco A. Arabia, MD, FACS, *Los Angeles, CA*
Dawn E. Jaroszewski, MD, FACS, *Phoenix, AZ*

Robotic Right Lower Lobectomy for Non-Small Cell Lung Cancer: A Stepwise Approach

Amir Abolhoda, MD, FACS; Areo G. Saffarzadeh, MD; *Los Alamitos, CA*

Thoracoscopic Right Upper Sleeve Lobectomy

Rafael S. Andrade, MD, FACS; Rohini Khatri, MD; Eitan Podgaetz, MD, MPH; Jonathan D'Cunha, MD, PhD; *Minneapolis, MN*

Robotic-Assisted Resection of a Giant Bronchogenic Cyst

Brian A. Mitzman, MD; John F. Lazar, MD; Winnie W. Lee, MD, FACS; Richard S. Lazzaro, MD; *New York, NY*

Robot-Assisted Right Upper Lobectomy with Bronchoplasty

Raghav A. Murthy, MB, BS; Derek E. Williams, MD; Kemp H. Kernstine, Sr., MD, PhD, FACS; *Dallas, TX*

Robot-Assisted Bronchogenic Cyst Excision and Primary Repair of Trachea

Raghav A. Murthy, MB, BS; Derek E. Williams, MD; Kemp H. Kernstine, Sr., MD, PhD, FACS; *Dallas, TX*

Successful Treatment of a Massive Tracheoesophageal Fistula

Luis Rodriguez-Bachiller; Benjamin B. Diaz-Zorita, MD; Enrique Velasco, MD; Javier Munoz, MD, PhD; Manuel Ruiz, MD; Luis R. Puente, MD, PhD; Luis Olmedilla, MD, PhD; Rafael Penalver, MD, PhD; Federico G. Aragonese, MD, PhD; Jose Luis G. Sabrido, MD; *Madrid, Spain*

Minimally Invasive Esophagectomy with Complete Removal of Recurrent Nerve Nodes without Neck Incision

Hiroshi Okabe, MD, FACS; Eiji Tanaka; Shigeru Tsunoda, MD, PhD; Shigeo Hisamori, MD; Hironori Kawada; Motoko Harigai; Yoshiharu Sakai, MD, FACS; *Kyoto, Japan*

Thoracoscopic Excision of Mid-Esophageal Diverticulum with Intercostal Muscle Flap

Jeremiah T. Martin, MB, BCh, FRCSI; Nathaniel L. Kister, MD; *Lexington, KY*

Thoracoscopic Esophageal Gastrointestinal Stromal Tumors Enucleation: A Case of Personalized Medicine

Rohini Khatri, MD; Rafael S. Andrade, MD, FACS; Eitan Podgaetz, MD, MPH; Todd M. Tuttle, MD, FACS; *Minneapolis, MN*

Mucosal Tube Technique for Creation of Esophageal Anastomosis after Esophagectomy: A 12-Year Experience

Emily E. Cassidy, MD; Alberto deHoyos, MD; Malcolm M. DeCamp, Jr., MD, FACS; *Chicago, IL*

Transthoracic Robotic Esophageal Gastrointestinal Stromal Tumor Excision

Stephanie G. Worrell, MD; Daniel S. Oh, MD; Christina L. Greene, MD; Steven R. DeMeester, MD, FACS; Jeffrey A. Hagen, MD, FACS; *Los Angeles, CA*

Paraesophageal Hiatal Hernia with Nonischemic Perforation of the Gastric Fundus in the Left Thorax: A Case Report

Ismael A. Salas De Armas, MD; Matthew J. Wall, MD, FACS; Kenneth L. Mattox, MD, FACS; Ramyar Gilani, MD, FACS; Courtney J. Gemmato; Nasser Lakkis; Muhammad Aftab, MD; N. Thao T. Nguyen, MD, MPH; Alexandra Tuluca, MD; Peter I. Tsai, MD, FACS; *Pearland, TX*

The Elusive Gastroesophageal Junction in the Dilated Distal Esophagus: A Plea for the Use of Intraoperative Flexible Endoscopy in Antireflux Surgery

Ashwin A. Kurian, MB, BS; Reginald Bell; *Portland, OR*

Laparoscopic Nissen Redo Fundoplication

Alexander Forero, MD; Santiago Valderrabano Gonzalez, MD; Daniel Pastor, MD; Miguel Leon, MD; Luis Tresierra, MD; *Madrid, Spain*

Laparoscopic Omental Harvesting for Recurrent Bronchopleural Fistula

Awais Ashfaq, MD; Tuan A. Truong, MD; Lyndsey Bryant, PA-C; Alanna M. Rebecca, MD; Dawn E. Jaroszewski, MD, FACS; *Phoenix, AZ*

Laparoscopic Morgagni Hernia Repair in an Adult after Aortic Valve Replacement and Aortic Root Reconstruction

Jennifer W. Harris, MD; Nicholas D. Ward, MD; James Hoskins, MS; Margaret A. Plymale, RN; Jason Edwards, MD, PhD; John S. Roth, MD, FACS; *Lexington, KY*

Laparoscopic Repair of a Congenital Diaphragmatic Hernia in the Adult

Kevin N. Johnson, MD; Dawn E. Jaroszewski, MD, FACS; Kristi L. Harold, MD, FACS; *Phoenix, AZ*

VATS Vagotomy for Persistent Marginal Ulcer after Gastric Bypass

Andy C. Kiser, MD, FACS, FACC, FCCP; Kenneth Mitchell, MC; *Chapel Hill, NC*

VE03 | 9:45 am - 1:00 pm

Colon and Rectal Surgery I

Location: Moscone West, Second Level, Room 2006/2008

TRACK: CRS

COORDINATOR AND PRESIDING OFFICER:

Alessandro Fichera, MD, FACS, FASCRS, *Seattle, WA*

PANELISTS:

Jennifer M. Holder-Murray, MD, FACS, *Pittsburgh, PA*

Mukta K. Krane, MD, *Chicago, IL*

Toyooki Sonoda, MD, FACS, FASCRS, *New York, NY*

Endorectal Laparoscopy for Diagnostic and Therapeutic Purposes

Tomas M. Heimann, MD, FACS; Joshua M. Haimi; *New York, NY*

Transanal Minimally Invasive Surgery (TAMIS) Repair of Ileoanal Pouch-Perineal Fistula

Beatriz Martin-Perez, MD; Matthew R. Albert, MD, FACS, FASCRS; Sam B. Atallah, MD, FACS; Lawna Hunter; *Altamonte Springs, FL*

Transanal Minimally Invasive Surgery (TAMIS) for Rectal Dieulafoy

Beatriz Martin-Perez, MD; Teresa C. deBeche-Adams, FACS, FASCRS; Sam B. Atallah, MD, FACS; Matthew R. Albert, MD, FACS, FASCRS; George J. Nassif; Henry P. Schoonyoung, MD; Francisco Quintero, MD; Lawna Hunter; Julia Pinan Diez, MD; Sergio W. Larach, MD, FACS; *Altamonte Springs, FL*

Transanal Total Mesorectal Excision: TEO vs. Transanal Minimally Invasive Surgery (TAMIS)

Elisabeth C. McLemore, MD, FACS; Ryan C. Broderick, MD; Patricia Sylla, MD, FACS; Cristina R. Harnsberger, MD; Alisa M. Coker, MD; Alberto S. Gallo, MD; David Berger, MD; Liliana Bordeianou, MD; Santiago Horgan, MD, FACS; *San Diego, CA*

Treatment of Low Rectal Cancer by Endoluminal Loco-Regional Resection or Transanal Endoluminal Total Mesorectal Resection by Transanal Endoscopic Microsurgery (TEM)

Emanuele Lezoche, MD, FACS; Andrea Balla, MD; Silvia Quaresima, MD; Mario Guerrieri, MD; Giancarlo D'Ambrosio, MD; Giovanni Lezoche, MD; Daniele Scoglio, MD; Alessandro M. Paganini, MD, FACS; *Rome, Italy*

A True NOTES Procedure: Bottoms-up TATA/TME, Transanal Proctosigmoidectomy and Splenic Flexure Release with Coloanal Anastomosis

John H. Marks MD, FACS; Itzel Vela, MD; Grace A. Montenegro, MD; Joseph Frenkel, MD; Margaret Shields; Gerald Marks, MD, FACS; *Wynnewood, PA*

Minimally Invasive Approach to a Retrorectal Lesion Obese Female

Slawomir J. Marecik, MD, FACS; Ajit Pai, MB, BS, MS, MCh, MRCS; Joaquin Estrada, MD; John J. Park, MD, FACS, FASCRS; Leela M. Prasad, MD, FACS, FASCRS, FRCS; *Park Ridge, IL*

Suprapubic Single-Incision Laparoscopic Right Hemicolectomy with Intracorporeal Anastomosis

Giovanni Dapri, MD, PhD, FACS, *Brussels, Belgium*

Laparoscopic-Assisted Endoscopic Full-Thickness Resection (EFTR) of Colonic Lesion

Alex Wong, MB, BS, FRACS; Ozgen Isik, MD; I. Emre Gorgun, MD, FACS; Maher A. Abbas, MD, FACS; *Cleveland Heights, OH*

Laparoscopic Anterior Resection of the Rectum, Internal Sphincterectomy, and Partial External Sphincterectomy for Advanced Low Rectal Adenocarcinoma with Endoanal Specimen Extraction

Rubens K. Siqueira de Paiva, MD, FACS; Leonaldson Dos Santos Castro, MD, PhD, FACS; José Humberto Simões Correa, MD, PhD, FACS; Antonio Augusto Ribeiro Dias Pires, MD; Jadivan Leite dos Santos, MD; Marjorie Gray; *Rio de Janeiro, Brazil*

Ischemic Right Colon after Robotic-Assisted Intersphincteric Resection: Assessing Perfusion with Indocyanine Green

Monica T. Young, MD; Alessio Pigazzi, MD, FACS; *Orange, CA*

Robotic and Laparoscopic-Assisted Sigmoidectomy for Chronic Diverticulitis and Colovesical Fistula

Daniel L. Moon, MD; Vikram Attaluri, MD; Maher A. Abbas, MD, FACS; *Los Angeles, CA*

Techniques for Repair of Peritoneal Perforation during Complex Transanal Endoscopic Microsurgery

Monica T. Young, MD; Alessio Pigazzi, MD, FACS; *Orange, CA*

Robotic-Assisted Resection of a Presacral Sclerosing Epithelioid Fibrosarcoma

I. Emre Gorgun, MD, FACS; Evie Carchman, MD; *Pittsburgh, PA*

Site Adjusted Cylindrical APR with Robotic Assistance

Slawomir J. Marecik, MD, FACS; Kevin P. Lin, MD; John J. Park, MD, FACS, FASCRS; Leela M. Prasad, MD, FACS, FASCRS, FRCS; *Park Ridge, IL*

VE04 | 9:45 am - 1:00 pm

General Surgery I

Location: Moscone West, Third Floor, Room 3020/3022

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

William B. Inabnet III, MD, FACS, *New York, NY*

PANELISTS:

Eren Berber, MD, FACS, *Cleveland, OH*

W. Scott Melvin, MD, FACS, *Bronx, NY*

Vivian E. Strong, MD, FACS, *New York, NY*

Laparoscopic Enterectomy for an Intussuscepting Villous Adenoma of the Jejunum

Bestoun H. Ahmed, MB, BCh, FACS; Ziad T. Awad, MB, ChB, FACS; Michael S. Nussbaum, MD, FACS; *Jacksonville, FL*

Laparoscopic-Extracorporeal Repair of a Morgagni Diaphragmatic Hernia

Piero M. A. Fisichella, MD, MBA, FACS; Anahita Jalilvand, MD; Matthew Pittman, MD; *West Roxbury, MA*

Minimally Invasive Repair of Incarcerated Left Diaphragmatic Hernia: A Laparoscopic and Thoracoscopic Approach

Salomon Levy Miranda, MD; Nathan Kister, MD, FACS; Jeremiah T. Martin, MB, BCh, FRCSI; Scott J. Roth, MD, FACS; *Lexington, KY*

Laparoscopic Esophagectomy: Conversion from Failed Cervical to Successful Thoracoscopic Esophagogastric Anastomosis

Jeremy M. Linson, MD; Ziad T. Awad, MB, BCh, FACS; Bestoun H. Ahmed, MD, FACS; *Jacksonville, FL*

Large Traumatic Flank Hernia Repair Utilizing a Transversus Abdominis Muscle Release

Clayton C. Petro, MD; Edward H. Nahabet; Natasza M. Posielski; Yuri W. Novitsky, MD; *Cleveland, OH*

Minimally Invasive Management of Superior Mesenteric Artery Syndrome

Bennet K. Togbe, MB, BCh, FWACS, *Valhalla, NY*

Endoscopic Resection of a Gastric Gastrointestinal Stromal Cell Tumor with Full Thickness Defect Closure Using Endoscopic Suturing Device

Ryan M. Juza, MD; Eric M. Pauli, MD; Abraham Mathew, MD; *Palmyra, PA*

Single-Port Laparoscopic Spleen-Preserving Distal Pancreatectomy

Marcel Autran Cesar Machado, MD; Fabio F. Makdissi, MD; Rodrigo C. Surjan, MD; *Sao Paulo, Brazil*

Strategies for Managing Massive Splenomegaly for Chronic Myelogenous Leukemia in a Jehovah's Witness

Audree B. Condren, MD; Daniel Stephens, MD; Bruce P. Reiter, MD; Jane S. Lee, MD; Tomas M. Heimann, MD, FACS; *New York, NY*

Tracing Dissectible Layers of Mesenteries Overcomes Embryological Restrictions Against no.6 Infrapyloric Lymphadenectomy in Laparoscopic Gastric Cancer Surgery

Hisashi Shinohara, MD; Shusuke Haruta, MD; Masaki Ueno, MD; Harushi H. Udagawa, MD, FACS; *Tokyo, Japan*

Fluorescence-Guided Laparoscopic Cholecystectomy for Acute Cholecystitis in Cirrhotic Patient

Luigi Boni, MD, FACS; Gianlorenzo Dionigi, MD, FACS; Stefano Rausei, MD; Giulia David, MD; Sebastiano Spampatti, MD; Elisa Cassinotti; *Varese, Italy*

Laparoscopic Adrenalectomy for Large Adrenal Tumors: Is the Vein First Approach Really Worthwhile?

Giancarlo Basili, MD; Nicola Romano; Federico Filidei; Graziano Biondi; *Pontedera, Italy*

Technical Aspects of Robot-Assisted Retroperitoneal Approach for Adrenalectomies

Vivek Bindal, MS, MRCS, DNB, FNB; Despoina Daskalaki, MD; Mario Masrur, MD; Kristin Patton, MD; Francesco Bianco; Pier C. Giulianotti, MD, FACS; *New Delhi, India*

Laparoscopic Right Adrenalectomy for a Bilobed Metastasis Abutting the Liver, Renal Vein, and Posterior Vena Cava

Ajay V. Maker, MD, FACS; Ryan M. Carr; Nikolaos Karagiorgios; *Chicago, IL*

Robotic Repair of Acute Bile Duct Injury

Ramanathan Seshadri, MD; Ryan Z. Swan, MD; David A. Iannitti, MD, FACS; John B. Martinie, MD, FACS; *Charlotte, NC*

VE05 | 2:30 - 5:45 pm

Challenging and Unusual Problems in Surgery

Location: Moscone North, Exhibit Hall, Room 135

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

Don J. Selzer, MD, FACS, *Indianapolis, IN*

PANELISTS:

David V. Feliciano, MD, FACS, *Indianapolis, IN*

James N. Lau, MD, FACS, *Stanford, CA*

Ketan R. Sheth, MD, FACS, *Cambridge, MA*

Laparoscopic and Thoracoscopic Repair of Strangulated Right Diaphragmatic Hernia: Unusual Presentation and Delay in Diagnosis

Bestoun H. Ahmed, MB, ChB, FACS; Ziad T. Awad, MBChB, FACS; Harry J. D'Agostino, Jr., MD, FACS; Michael S. Nussbaum, MD, FACS; *Jacksonville, FL*

Laparoscopic Removal of a Retroperitoneal Liposarcoma

Carlo E. Ambrosini, MD; Massimo Chiarugi, MD; Marco Pelosini; Marco Biricotti, MD; Lorenzo Fregoli, MD; Valeria Matteucci, MD; Paolo Miccoli, MD; *Pisa, Italy*

Massive Herniation after Esophagectomy: A

Laparoscopical Approach

Emanuele L.G. Asti, MD; Simone Celotti, MD; Luigi Bonavina, MD, FACS; *Milan, Italy*

Excision of Abdominal Wall Desmoid with Immediate Reconstruction

Jeffrey A. Blatnik, MD; Julian A. Kim, MD, FACS; Yuri W. Novistky, MD; *Cleveland, OH*

Laparoscopic Treatment of Acutely Perforated Duodenal Ulcer with Primary Closure and Highly Selective Vagotomy

Ryan C. Broderick, MD; Cristina R. Harnsberger, MD; Alberto S. Gallo, MD; Hans F. Fuchs, MD;

Martin A. Berducci, MD; Alisa M. Coker, MD; Bryan J. Sandler, MD, FACS; Garth R. Jacobsen, MD, FACS; Santiago Horgan, MD, FACS; *San Diego, CA*

Laparoscopic Repair of a Strangulated Obturator Hernia

William W. Hope, MD, FACS; Khoi Le, MD; W. Borden Hooks III, MD; *Wilmington, NC*

Laparoscopic Detorsion and Gastropexy for Gastric Volvulus

Emily J. Miraflor, MD; Barnard J. Palmer, MD; Louise Y. Yeung, MD; *San Francisco, CA*

Laparoscopic Resection of Giant Intra-Abdominal Cyst after Intraoperative Aspiration

Louise Y. Yeung, MD; Barnard J. Palmer, MD; Emily J. Miraflor, MD; Laurel R. Imhoff, MD, MPH; *San Francisco, CA*

Laparoscopic Treatment of Intestinal Duplication

Diego Piazza, MD; Francesco Scaravilli, MD; Salvatore Puglia, MD; Riccardo Schillaci; *Catania, Italy*

Laparoscopic Duodenojejunostomy for SMA Syndrome

Michael L. Rawlins, MD; Bruce D. Schirmer, MD, FACS; *Charlottesville, VA*

Laparoscopic Multivisceral Resection for Malignant Gastrointestinal Stromal Tumors

Barry A. Salky, MD, FACS; *New York, NY*

Video-Assisted Thoracoscopic Ectopic Parathyroidectomy

Kelly M. Galey, MD; Christian G. Peyre, MD; John F. Lazar, MD; Susan K. Hobbs, MD, PhD; Daniel T. Ruan, MD, FACS; Jacob Moalem, MD, FACS; *Rochester, NY*

Retained Gallstones Presenting as an Abdominal Wall Abscess after Laparoscopic Cholecystectomy

Jane S. Lee, MD; Alexander J. Greenstein, MD, MPH, FACS; *New York, NY*

Mesenterico-Portal Shunt for Chronic SMV Occlusion

Philip J. Spencer, MD; Nahel Elias, MD, FACS; Virendra I. Patel, MD, MPH; Parsia A. Vagefi, MD, FACS; *Boston, MA*

Diagnosis and Management of a Type IIIb Choledochal Cyst

Jonathan Ghing-Chi Sham, MD; James O. Park, MD, FACS; *Seattle, WA*

VE06 | 6:30 - 8:30 pm

Clinical Workshop Through Video

Location: Hilton San Francisco, Grand Ballroom A

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

Sudish C. Murthy, MD, PhD, FACS, *Cleveland, OH*

PANELISTS:

Blair A. Jobe, MD, FACS

Sudish C. Murthy, MD, PhD, FACS, *Cleveland, OH*

Lee L. Swanstrom, MD, FACS, *Portland, OR*

Robotic Heller Myotomy and Dor Fundoplication for Achalasia

Siva Raja, MD, PhD; David P. Mason, MD, FACS; Thomas W. Rice, MD, FACS; Daniel P. Raymond, MD, FACS; Sudish C. Murthy, MD, FACS; *Cleveland, OH*

Pitfalls of Reoperative Surgery for Achalasia

Barry A. Salky, MD, FACS; Bernadette Laxa, MD;
New York, NY

Laparoscopic Collis Gastroplasty

Michael A. Maddaus, MD, FACS, *Minneapolis, MN*

Endoscopic Description of Failed Fundoplication—A Standardized Reporting System

Sumeet K. Mittal, MD, FACS; Arpad Juhasz, MD, PhD; Abhishek Sundaram, MB, BS, MPH; Masato Hoshino, MD; Tommy H. Lee, MD; Charles J. Filipi, MD, FACS; *Omaha, NE*

Laparoscopic Nissen Fundoplication: Mechanisms of Failure

Charles Filipi, MD, FACS, *Omaha, NE*

Complications of Biologic Mesh in Hiatal Hernia Repair

Edward L. Felix, MD, FACS; Daniel E. Swartz, MD, FACS, *Fresno, CA*

Getting to the Gastrointestinal Stromal Tumor of the Matter: Laparoscopic Wedge Gastrectomy and Hiatal Hernia Repair

Rebecca B. Kowalski, MD; Niket Sonpal, MD; Brian Mitzman, MD; Paresh C. Shah, MD, FACS; *New York, NY*

Gastric Gastrointestinal Stromal Tumor (GIST) Resection Using Hybrid NOTES Technique

Sheetal Nijhawan, MD; Saniea Majid, MD; Abraham Mathew, MD; Garth Jacobsen, MD, FACS; Michael Sedrak, MD; Bryan Sandler, MD; Toshio Katagiri, MD; Mark A. Talamini, MD, FACS; Thomas Savides, MD; Santiago Horgan, MD, FACS; *San Diego, CA*

Techniques for Laparoscopic Resection of Endophytic Gastric Submucosal Tumors

Ross F. Goldberg, MD; Michael Parker, MD; John A. Stauffer, MD, FACS; Horacio J. Asbun, MD, FACS; Steven P. Bowers, MD, FACS; *Jacksonville, FL*

Tuesday, October 28

VE07 | 8:00 - 9:30 am

Pancreas Surgery

Location: Moscone North, Exhibit Level, Room 135

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:

Sharon B. Ross, MD, FACS, *Tampa, FL*
James A. Lee, MD, FACS, *New York, NY*

PANELISTS:

John A. Chabot, MD, FACS, *New York, NY*
John B. Martinie, MD, FACS, *Charlotte, NC*
Alexander S. Rosemurgy, MD, FACS, *Tampa, FL*

Management of Vascular Variations during Minimally-Invasive/Robotic Whipple

Fabio Sbrana, MD, FACS; Marta Angelini, MD, PhD; Alessia Biancafarina; Marta Scricciolo; Riccardo Malatesti; Franco Fiumicelli, MD; Marco De Prizio; *Arezzo, Italy*

Laparoscopic Splenic Preserving Extended Distal Pancreatectomy for a Non-Localized Insulinoma

James Y. H. Lim, MD; Patricia Chui, MD, PhD; Rohan Joseph, MD; William B. Inabnet III, MD, FACS; *New York, NY*

Laparoscopic Spleen and Vessel Sparing Subtotal Pancreatectomy: Defaulted to Warshaw Procedure

Carlos U. Corvera, MD, FACS; Wei-Ting Kuo, MD; *San Francisco, CA*

Laparoscopic Resection of the Uncinate Process of the Pancreas

Jihui Li, MD; Conrad H. Simpfendorfer, MD; Abraham Betancourt, MD; Bankim Patel, MS; *Weston, FL*

Laparoscopic Enucleation of Insulinoma

Mayank Roy, MD; Fernando M. Safdie; Conrad H. Simpfendorfer, MD; *Weston, FL*

Duodenal-Preserving Resection of the Head of the Pancreas and Pancreatic Head Resection with Second-Portion Duodenectomy for Symptomatic Pancreas Divisum

Emilio Vicente, MD, PhD, FACS; Yolanda Y. Quijano, MD; Benedetto Ielpo; Hipolito Duran, MD, PhD; Eduardo Diaz; Isabel Fabra; Catalina Oliva; Sergio Olivares, MD; Diego Juzgado; Riccardo Caruso; *Madrid, Spain*

Robotic-Assisted Frey Procedure

Trang Nguyen, MD; Melissa E. Hogg, MD; Herbert Zeh III, MD; Amer H. Zureikat, MD, FACS; *Pittsburgh, PA*

Robotic en-bloc Distal Splenopancreatectomy with Left Adrenalectomy for Mucinous Cystic Neoplasm of Pancreas

Vivek Bindal, MS, MRCS, DNB, FNB; Despoina Daskalaki, MD; Mario Masrur, MD; Kristin D. Patton, MD; Francesco Bianco; Pier C. Giulianotti, MD, FACS; *New Delhi, India*

VE08 | 8:00 - 9:30 am

Obstetrics and Gynecology

Location: Moscone West, Third Level, Room 3020/3022

TRACK: OBG

COORDINATOR AND PRESIDING OFFICER:

Paul M. Magtibay, MD, FACS, *Phoenix, AZ*

Shaving of Bowel Endometriosis

Camran R. Nezhat, MD, FACS; Diana Aldape, MD; *Palo Alto, CA*

Laparoscopic Transabdominal and Paracoccygeal Resection of Pelvic Teratoma

Maher A. Abbas, MD, FACS, FASCRS; *Abu Dhabi, United Arab Emirates*

Minimally Invasive Approach and Maximal Invasive Approach for Immature Teratoma of Ovary

Alan A. Saber, MD, FACS; Ornela Dervishaj, MD; Linus M. Yoe, MD; Eli Serur, MD; Sonal Bordia, MD; Joel M. Crawford, MD; *Brooklyn, NY*

Robotic-Assisted Splenectomy for Isolated Recurrent Carcinoma

Paul M. Magtibay, MD, FACS, *Phoenix, AZ*

Robotic Repair of Cesarean Section Scar Defect

Farr R. Nezhat, MD, FACOG, FACS; Mohamad Mahmoud, MD; *New York, NY*

Robotic-Assisted Resection of Full Thickness Diaphragmatic Endometriosis

Paul M. Magtibay, MD, FACS, *Phoenix, AZ*

Bicornuate Uterus and Ureteral Remnant Endometriosis

Camran R. Nezhat, MD, FACS; Diana Aldape, MD; *Palo Alto, CA*

VE09 | 9:45 – 11:15 am

Subject-Oriented Symposium I: Spectacular Hernias A to Z

Location: Moscone West, Second Level, Room 2006/2008

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:

Kevin M. Reavis, MD, FACS, *Portland, OR*
Michael J. Rosen, MD, FACS, *Solon, OH*

PANELIST: Brian R. Smith, MD, FACS, *Long Beach, CA*

Laparoscopic Repair of Incarcerated Morgagni Hernia

Eran Shlomovitz, MD; *Toronto, ON*

Laparoscopic Repair of a Type III Hiatal Hernia with Organo-Axial Gastric Volvulus

Nelson A. Royall, MD; Rena C. Moon, MD; Andre F. Teixeira, MD; Muhammad A. Jawad, MD, FACS; *Orlando, FL*

Laparoscopic Incisional Hernia Repair Utilizing the Superior Preperitoneal Space at the Costal Margin Posterior to Transversalis Fascia for Fixation of Very Large Mesh

Jacob Petrovsky, MD, *Cleveland, OH*

Transabdominal Preperitoneal (TAPP) Repair of an Incarcerated Spigelian Hernia

Rana C. Pullatt, MB, BS, FACS; Shaina R. Eckouse, MD; William Lancaster, MD; Chelsea Connor, MD; *Mount Pleasant, SC*

Parastomal Hernia Repair with Mesh and Combined Fascial Reinforcement

Raul J. Rosenthal, MD, FACS, FASMB; Emanuela Silva, MD; Konstatinos Alfaras-Melainis, MD; Alex G. Ordonez, MD; Emanuele Lo Menzo, MD, FACS; Samuel Szomstein, MD, FACS; *Weston, FL*

TAPP as a Salvage Operation after a Totally Extra-Peritoneal Preperitoneal (TEPP) and Open Inguinal Hernia Repair Failure

Rana C. Pullatt, MB, BS, FACS; William Lancaster, MD; Chelsea Connor, MD; Jessica Taylor, MD; Bryan Thomas, MD; *Mount Pleasant, SC*

VE10 | 9:45 – 11:15 am

Subject-Oriented Symposium II: Heroes in Surgery: Our Legacy

Location: Moscone West, Third Level, Room 3020/3022

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:

Steven D. Schwartzberg, MD, FACS, *Cambridge, MA*
William O. Richards, MD, FACS, *Mobile, AL*

George Berci, MD, FACS

DISCUSSANT: L. Michael Brunt, MD, FACS, *St. Louis, MO*

Denton A. Cooley, MD, FACS

DISCUSSANT: Michael J. Reardon, MD, FACS, *Houston, TX*

Stanley J. Dudrick, MD, FACS

DISCUSSANT: Pascal R. Fuchshuber, MD, PhD, FACS, *Walnut Creek, CA*

Olga M. Jonasson, MD, FACS

DISCUSSANT: Emina H. Huang, MD, FACS, *Gainesville, FL*

VE11 | 12:45 - 2:15 pm

Neurological Surgery

Location: Moscone West, Third Level, Room 3020/3022

TRACK: NEU

COORDINATOR AND PRESIDING OFFICER:

John F. Hamilton, MD, FACS, *Falls Church, VA*

PANELISTS:

Toomas Anton, MD, *Cuyahoga Falls, OH*
Edward Rustamzadeh, MD, FACS, *Los Gatos, CA*

Preventing Distal Catheter Obstruction in Laparoscopic Ventriculoperitoneal Shunt Placement: The Calciform Technique

Yassar K. Youssef, MD, FACS; Shane Svoboda, MD; Habeeba Park, MD; Neal Naff, MD; Zeena Dorai, MD, FACS; Michael Williams, MD; *Baltimore, MD*

T6 Compression Fracture, Failure of Conservative Management

Toomas Anton, MD; Jarred Holt, DO; John R. Burger, DO; *Cuyahoga Falls, OH*

Novel Minimally Invasive Approaches to Lumbar Degenerative Disc Disease: Direct Lateral Approach to the Lumbar Spine

John F. Hamilton, MD, FACS; James V. Boddu; Joy A. Rostron, MSHS PA-C; *Falls Church, VA*

The Neurosurgical Management of an Intracranial Arteriovenous Malformation (AVM)

John F. Hamilton, MD, FACS; James V. Boddu; Joy A. Rostron, MSHS PA-C; *Falls Church, VA*

Anterior Temporal Amygdalohippocampectomy for Seizure Control

Edward Rustamzadeh, MD, FACS, *Los Gatos, CA*

Frontal Craniotomy with Resection of High-Grade Glioma Utilizing Intraoperative Neuronavigation

John F. Hamilton, MD, FACS; James V. Boddu; Joy A. Rostron, MSHS PA-C; *Falls Church, VA*

VE12 | 12:45 - 2:15 pm

Movie Classics from the Past

Location: Moscone West, Second Level, Room 2006/2008

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:

Jon C. Gould, MD, FACS, *Milwaukee, WI*
Kristi L. Harold, MD, FACS, *Scottsdale, AZ*

Reoperative Parathyroid Surgery

AUTHOR: Orlo Clark, MD, FACS

DISCUSSANT: Quan-Yang Duh, MD, FACS, *San Francisco, CA***Abdominal Wall Defects Following Sepsis and Trauma: Acute Management and Definitive Reconstruction**

AUTHORS: Timothy C. Fabian, MD, FACS; Martin Croce, MD, FACS; and William Hickerson, MD, FACS

DISCUSSANT: Jennifer M. DiCocco, MD, *Union City, TN***Techniques of Percutaneous Gastrostomy**

AUTHOR: Jeffrey L. Ponsky, MD, FACS

DISCUSSANT: Jeffrey M. Marks, MD, FACS, *Cleveland, OH***Laparoscopy in Staging of Pancreatic Carcinoma**

AUTHOR: Andrew L. Warshaw, MD, FACS, FRCSEd(Hon)

DISCUSSANT: Cristina R. Ferrone MD, FACS, *Boston, MA***VE13 | 12:45 - 4:00 pm****General Surgery II***Location: Moscone North, Exhibit Level, Room 135*

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

Patrick R. Reardon, MD, FACS, *Houston, TX*PANELIST: Lee M. Morris, MD, *Houston, TX***Laparoscopic Redo Type 4 Paraesophageal Hernia Repair with Absorbable Mesh**Martin A. Berducci, MD; Alberto S. Gallo; Catherine Beck; Tomas Jakob; Ryan C. Broderick, MD; Francisco A. Alvarez Divo, MD; Cristina R. Harnsberger, MD; Bryan J. Sandler, MD, FACS; Garth R. Jacobsen, MD, FACS; Santiago Horgan, MD, FACS; *San Diego, CA***Laparoscopic Median Arcuate Ligament Release**Ozanan R. Meireles, MD; Robin Vasan, MB, BS; William Brugge; Virendra I. Patel, MD, MPH; *Boston, MA***Laparoscopic Ivor-Lewis Esophagectomy on a Patient with Multiple Failed Heller Myotomies**Jeremy M. Linson, MD; Ziad T. Awad, MB, BCh, FACS; Bestoun H. Ahmed, MD; *Jacksonville, FL***Laparoscopic Spleen Preserving Distal Pancreatectomy**Marco Maria M. Lirici, MD, FACS; Luigi Simonelli, MD; Valentina Romeo, MD; *Rome, Italy***Mini-Instruments Laparoscopic Enucleation of Horseshoe-Shaped Esophageal Leiomyoma**Carlos Rodriguez-Otero Luppi, MD; Eduardo M. Targarona, MD; Carmen Balague, MD; Manel Trias; *Barcelona, Spain***Laparoscopic Heller-Dor Procedure**Marco Maria M. Lirici, MD, FACS; Luigi Simonelli, MD; Valentina Romeo, MD; *Rome, Italy***Laparoscopic/Endoscopic Resection of Gastric Mass: A Transgastric Approach**Salomon Levy Miranda, MD, *Lexington, KY***Per Oral Endoscopic Resection of a Benign Esophageal Tumor**Michael P. Meara, MD; Jeffery W. Hazey, MD, FACS; Kyle A. Perry, MD, FACS; *Winterville, NC***Laparoscopic Removal of Inguinal Hernia Mesh for Chronic Pain**Jeffrey A. Blatnik, MD; Ajita S. Prabhu, MD; Michael J. Rosen, MD, FACS; *Cleveland, OH***Laparoscopy-Assisted Distal Gastrectomy for an Early Gastric Cancer Patient**Xiaofei Zhi, MD; Hao Xu; Zekuan Xu, MD, PhD; *Nanjing, China***Laparoscopic Repair of a Morgagni Hernia**Carl Tadaki, MD, FACS; Tammy Kindel, MD, PhD; Rachel Jones, MD; Dmitry Oleynikov, MD FACS; *Omaha, NE***Endoscopic Full Thickness Gastric Wall Resection for Gastric Submucosal Tumors Originating from Deep Muscularis Propria**Bing-Rong Liu, MD, *Harbin, China***Bilateral Hand-Assisted Laparoscopic Adrenalectomy for Pheochromocytoma**Eren Berber, MD, FACS; Priya Iyer, MD; Cem Dural, MD; Muhammet Akyuz, MD; *Cleveland, OH***Bilateral Adrenalectomy for Multiple Endocrine Neoplasia Type 2A**Carlos U. Corvera, MD, FACS; Quan-Yang Duh, MD, FACS; Wei-Ting Kuo, MD; *San Francisco, CA***Laparoscopic Transperitoneal Flank Approach for the Treatment of Masses of the Distal Pancreas—From Enucleation to Spleen Preserving Techniques**Giovanni Marchegiani, MD; Carlos Fernandez-del Castillo; Ozanan R. Meireles, MD; *Boston, MA***Incidental Intraoperative Finding of an Accessory Gallbladder for Chronic Calculous Cholecystitis**Gokulakrishna Subhas, MD; Yaniv Cozacov, MD; Anupam Gupta, MB, BS; Michael J. Jacobs, MD, FACS; Janak A. Parikh, MD; *Southfield, MI***VE14 | 4:15 - 5:45 pm****Hepatobiliary Surgery I***Location: Moscone West, Second Level, Room 2006/2008*

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

David A. Kooby, MD, FACS, *Atlanta, GA*

PANELISTS:

Kenneth Cardona, MD, *Atlanta, GA*
Merchant B. Nipun, MD, FACS, *Nashville, TN***Partial Pancreatectomy, Cholecystectomy, and Choledochocystectomy for Extrahepatic Cholangiocarcinoma**John A. Stauffer, MD, FACS; Tatiana Hoyos, MD; Horacio J. Asbun, MD, FACS; *Jacksonville, FL***Essential Steps in the Treatment of Congenital Choledochous Cyst**Enrique Moreno Gonzalez, MD, FACS(Hon); *Madrid, Spain*

Intrahepatic Type 2 Choledochal Cyst Resection

Amareshwar Chiruvella, MD; David A. Kooby, MD, FACS; *Decatur, GA*

Anatomical Liver Resection of Segment 8 via Laparoscopic Approach

Goro Honda, MD, PhD, FACS; Masanao Kurata; Shin Kobayashi; Katsunori Sakamoto, MD; *Tokyo, Japan*

Laparoscopic Management of Large Left Liver Lesions, Cases Presentations, and Surgical Technique with Left Hanging Maneuver

Horacio J. Asbun, MD, FACS; Nicolas Paleari, MD; John A. Stauffer, MD, FACS; Alessandro Coppola, MD; Maria F. Haberle Orrego, MD; John Dortch, MD; *Jacksonville, FL*

Glissonian Approach for Laparoscopic Right Hepatectomy in Cirrhotic Patient

Marcel Autran Cesar Machado, MD; Fabio F. Makdissi, MD; Rodrigo C. Surjan, MD; *Sao Paulo, Brazil*

Laparoscopic Intraoperative Needle Localization Technique for Resection of Disappearing Colorectal Liver Metastasis

Eren Berber, MD, FACS; Priya Iyer, MD; Muhammet Akyuz, MD; Noaman Ali, MD; Cem Dural, MD; *Cleveland, OH*

VE15 | 6:30 – 8:30 pm

Best Videos from the Past

Location: Hilton San Francisco, Grand Ballroom A

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

Leena Khaitan, MD, FACS, *Chardon, OH*

Laparoscopic Correction of Internal Herniation Causing Small Bowel Obstruction after Total Abdominal Colectomy and Ileorectal Anastomosis

Raghava Pavoor, MD; Joseph D. Dirocco, MD; Jeffrey W. Milsom, MD, FACS; *New York, NY*

Modified Open Sugarbaker Parastomal Hernia Repair

Alfredo Carbonell, DO, FACS; William S. Cobb, MD, FACS; Benjamin M. Manning, MD, FACS; *Greenville, SC*

Rectal Prolapse Laparoscopic Approach

Sergio W. Larach, MD, FACS; Joseph T. Gallagher, MD; *Orlando, FL*

The Laparoscopic Approach to Internal Hernias after Roux-en-Y Gastric Bypass

Edward L. Felix, MD, FACS; Daniel E. Swartz, MD; *Fresno, CA*

Mesh Repair of Large Paraesophageal Hernia after a Sleeve Gastrectomy

Elias Chousleb, MD; Omar Bellowin, MD; Ismael Court, MD; Adeshola Fakulujo, MD; Samuel Szomstein, MD; Raul J. Rosenthal, MD, FACS; *Weston, FL*

Obstructions in Bariatric Surgery: Lessons Learned

Sean R. Sheff, MD; Shanu N. Kothari, MD, FACS; *LaCrosse, WI*

Reoperations for Failed Hiatal Hernias

Brant K. Oelschlager, MD, FACS; Carlos A. Pellegrini, MD, FACS, FRCS(Hon); John A. Isch, MD; *Seattle, WA*

Laparoscopic Treatment of Diaphragmatic Hernia after Transthoracic Esophagectomy

Elena Orsenigo, MD, FACS; Carlo Staudacher, MD, FACS; Saverio Di Palo, MD; *Milano, Italy*

Laparoscopic Management of Failed Anti-Reflux**Operation in the Morbidly Obese**

Kevin M. El-Hayek, MD; John Rodriguez, MD; Poo-chong Timratana, MD; Matthew Kroh, MD, FACS; Bipan Chand, MD, FACS; *Cleveland, OH*

Wednesday, October 29

VE16 | 8:00 – 9:30 am

Subject-Oriented Symposium III: Complications in General Surgery

Location: Moscone North, Exhibit Level, Room 135

TRACK: GEN

COORDINATORS:

Alfons Pomp, MD, FACS, *New York, NY*
Archana Ramaswamy, MD, FACS, *Minneapolis, MN*
Tonia M. Young-Fadok, MD, FACS, FASCRS, *Phoenix, AZ*

Laparoscopic Management of Hiatal Hernias in Difficult Cases

Oscar M. Crespín, MD; Brant K. Oelschlager, MD, FACS; Carlos A. Pellegrini, MD, FACS, FRCSI(Hon), *Seattle, WA*

Laparoscopic Repair of Recurrent Paraesophageal Hernia with Gastrobronchial Fistula

Brian P. Jacob, MD, FACS; Mark A. Reiner, MD, FACS; Anthony J. Vine, MD, FACS; Lester B. Katz, MD, FACS; *New York, NY*

Treatment of Esophageal Perforation after Heller Myotomy

Jorge Nefa, MD, *Ciudad, Argentina*

Common Bile Duct Injury with Primary Repair during Laparoscopic Cholecystectomy

Emanuele Lo Menzo, MD, FACS; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS; *Weston, FL*

Identification and Management of Bladder Injury during Extraperitoneal Inguinal Hernia Repair

Spyridon Pagkratis, MD; Dana A. Telem, MD; Caitlin A. Halbert, DO; Mark A. Talamini, MD, FACS; Aurora D. Pryor, MD, FACS; *Stony Brook NY*

Splenic Bleeding During Laparoscopic Colectomy

Alexandre Bouchard, MD, *Quebec, QC*

Complications of Minimally Invasive Colorectal Surgery and Troubleshooting Techniques

Andrew J. Russ, MD; Benjamin P. Crawshaw, MD; J. Lawrence; Sharon L. Stein, MD, FACS; Conor P. Delaney, MB, BCh, PhD, FACS; Harry L. Reynolds, Jr., MD, FACS; Bradley J. Champagne, MD, FACS, FASCRS; *Cleveland, OH*

Management of Linear Cutting Stapler Complications during Laparoscopic Sleeve Gastrectomy

Koji M. Park, MD; John N. Afthinos, MD; David Lee, MD; Ninan Koshy, MB, BS; Julio A. Teixeira, MD, FACS; *New York, NY*

Laparoscopic Management of Operative Vena Cava Injury in Revisional Bariatric Surgery

Raul J. Rosenthal, MD, FACS; Pablo Marin, MD; Catherine Ho, DO; Abraham Betancourt, MD; Carolina Ampudia, MD; Miguel Lamota, MD; Abraham Abdemur, MD; Yaniv Cozacov, MD; Emanuele Lo Menzo, MD, FACS; Samuel Szomstein, MD, FACS; *Weston, FL*

VE17 | 8:00 - 9:30 am

Urological Surgery

Location: Moscone South, Esplanade Level, Room 305

TRACK: URO

COORDINATOR AND PRESIDING OFFICER:

Stephen Y. Nakada, MD, FACS, *Madison, WI*

PANELISTS:

E. Jason Abel, MD, FACS, *Madison, WI*
Tracy M. Downs, MD, FACS, *Madison, WI*

Robotic Microsurgical Management of Large Renal Artery Aneurysm

Raju Thomas, MD, FACS; Kush Patel; Philip J. Dorsey, MD; Christopher Keel; Albert D. Sam, MD; Anil S. Paramesh, MB, BS, FACS; *New Orleans, LA*

The Role of Renal Autotransplantation in the Era of Nephron Sparing Urologic Surgery

Raju Thomas, MD, FACS; Brian Richardson; Anil S. Paramesh, MB, BS, FACS; *New Orleans, LA*

Robotic Enucleo-Resection of Small Renal Masses: A Safe and Oncologically Sound Alternative to Traditional Partial Nephrectomy

Robert H. Blackwell, MD; Gopal N. Gupta, MD; *Brookfield, IL*

Feasibility of Robotic Radical Nephrectomy with Level Three IVC Thrombectomy in Patients with Renal Cell Carcinoma

Ahmad Shabsigh, MD, FACS; *Columbus, OH*

Robotic-Assisted Retroperitoneal Lymph Node Dissection

John P. Selph, MD; Josip Vukina, MD; Gordon L. Fifer; Michael E. Woods, MD, FACS; *Chapel Hill, NC*

Laparoscopic Resection and Pyeloplasty in a Rare Cause of Ureteropelvic Junction Obstruction: Ureteral Polyp

Mehmet S. Arda, MD; Haseyin Ilhan; Ahmet Topaloglu; Taylan Kara; Baran Tokar, MD; *Washington, DC*

Early Robotic-Assisted Laparoscopic Repair of Ureterovaginal Fistula after Gynecologic Surgery

John P. Selph, MD; J. Abram McBride, MD; Gordon L. Fifer; Michael E. Woods, MD, FACS; Mathew Raynor, MD; *Chapel Hill, NC*

Robotic-Assisted Reimplant of a Left Duplex System after Ureteral Transection during Hysterectomy

Robert I. Carey, MD, FACS; James E. Pilkington; Maria P. Domino; Elliot K. Blau; *Sarasota, FL*

Robotic Bladder Boari Flap Reconstruction for Replacement of Distal Ureter

Raju Thomas, MD, FACS; Aaron Boonjindasup, MD; Michael Maddox, MD; Philip J. Dorsey, MD; *New Orleans, LA*

Robotic Sacrocolpopexy: Salvage Procedure with Robotic Transperitoneal Excision of Failed Transvaginal Mesh in the Same Procedure

Robert I. Carey, MD, FACS; James E. Pilkington; Maria P. Domino; Elliot K. Blau; *Sarasota, FL*

A Novel Use of Near-Infrared Fluorescence Imaging during Robotic Surgery Without Indocyanine Green

Zachary L. Smith, MD; Mark S. Hockenberry, MD; Phillip Mucksavage, MD; *Philadelphia, PA*

VE18 | 8:00 - 9:30 am

Otolaryngology—Head and Neck Surgery

Location: Moscone West, Second Level, Room 2006/2008

TRACK: OTO

COORDINATOR AND PRESIDING OFFICERS:

David J. Terris, MD, FACS, *Augusta, GA*
Robert R. Lorenz, MD, FACS, *Cleveland, OH*

PANELISTS:

Floyd C. Holsinger, MD, FACS, *Houston, TX*
Lisa A. Orloff, MD, FACS, *Stanford, CA*
James S. Sunwoo, MD, *Jersey City, NJ*

Surgical Approach to Neonatal Nasal Piriform Aperture Stenosis

Paul Krakovitz, MD, FACS; Emily F. Boss, MD, FACS; *Shaker Heights, OH*

Trans-Oral Robot-Assisted Excision of a Retropharyngeal Parathyroid Adenoma: A Video Case Report

Steven J. Wang, MD, FACS; Brandon L. Prendes, MD; Shethal Bearely, MD; Lisa A. Orloff, MD, FACS; *San Francisco, CA*

Surgical Treatment of Zenker Diverticulum**Diverticulopexy and Cricopharyngeal Myotomy**

Atsushi Itami, MD, FACS; Yutaka Shimada; *Kobe, Japan*

Supraclavicular Flap Harvest

Zhen Gooi, MB, BS; Sara C. Gallant; Jeremy D. Richmond, MD, FACS; *Baltimore, MD*

Supraclavicular Artery Island Flap: A Unique Comparison to Traditional Locoregional Flaps

Salah E. Mohamed, MD; Hassan Ahmad; Helmi Khadra, MD; Emad Kandil, MB, BCh, FACS; Rizwan Aslam, DO, FACS; *New Orleans, LA*

Scapula Tip Free Flap Harvest

Zhen Gooi, MB, BS; Mueen Ahmad, MD; Jeremy D. Richmond, MD, FACS; *Baltimore, MD*

Mechanical Modeling of Fires in Otolaryngology: What Have We Learned about Airway Surgery Fires?

Soham Roy, MD, FACS; Lee P. Smith, MD, FACS; *Houston, TX*

Faringo-Larngo Esophagectomy En-Bloc with Hemithyroidectomy and Laparoscopic Gastric Pull-Up

Marco Maria M. Lirici, MD, FACS; Luigi Simonelli, MD; Valentina Romeo, MD; Adriana Maiuri, MD; Angelo Camaioni, MD; *Rome, Italy*

VE19 | 8:00 - 11:15 am**Subject-Oriented Symposium IV: Atlas Showcase: Pancreas Surgery Volume***Location: Moscone North, Exhibit Level, Room 130–131*

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:

Pascal R. Fuchshuber, MD, PhD, FACS, *Walnut Creek, CA*Horacio J. Asbun, MD, FACS, *Jacksonville, FL***Pylorus-Preserving Pancreaticoduodenectomy with Invaginating Pancreaticojejunostomy**Charles J. Yeo, MD, FACS, *Philadelphia, PA***A Whipple Pancreaticoduodenectomy Associated with En Monobloc Mesenterico-Portal Vein Resection**Philippe Bachellier, MD, PhD, *Strasbourg, France***Laparobotic Pancreaticoduodenectomy: Caudal to Cephalad Approach**Anusak Yiengpruksawan, MD, FACS, *Paramus, NJ***Laparoscopic Pancreaticoduodenectomy**Horacio J. Asbun, MD, FACS, *Jacksonville, FL***Whipple Technique for the Practicing Surgery—Summary Statement**Pascal R. Fuchshuber, MD, PhD, FACS, *Walnut Creek, CA***Discussion**Pascal R. Fuchshuber, MD, PhD, FACS, *Walnut Creek, CA***MIS Approaches to Acute Pancreatitis**Karen D. Horvath, MD, FACS, *Seattle, WA***Laparoscopic Lateral Pancreatojejunostomy for Chronic Pancreatitis**Pascal R. Fuchshuber, MD, PhD, FACS, *Walnut Creek, CA***Pancreatic Head Resection and Pancreaticojejunostomy for Chronic Pancreatitis**W. Scott Helton, MD, FACS, *Seattle, WA***Results of RAMPS Procedure for Adenocarcinoma of the Body and Tail of the Pancreas**Steven M. Strasberg, MD, FACS, *St. Louis, MO***Laparoscopic Pancreas-Preserving Duodenectomy with Invaginating Pancreatoduodenostomy and Gastrojejunostomy**Horacio J. Asbun, MD, FACS, *Jacksonville, FL***VE20 | 9:45 - 11:15 am****Endocrine Surgery***Location: Moscone West, Second Level, Room 2006/2008*

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

Jacob Moalem, MD, FACS, *Rochester, NY*

PANELISTS:

Daniel T. Ruan, MD, FACS, *Newton Centre, MA*Wen T. Shen, MD, FACS, *San Francisco, CA***Safety and Feasibility of Robotic Transaxillary Hemithyroidectomy Using Only Three Arms: A Proposal**

Gabriele Materazzi, MD; Carlo E. Ambrosini, MD; Marco Biricotti, MD; Valeria Matteucci, MD;

Lorenzo Fregoli, MD; Piermarco Papini, MD; Paolo Miccoli, MD; *Pisa, Italy***Hemopatch: A New Hemostatic Device in Thyroid Surgery**Paolo Miccoli, MD; Carlo E. Ambrosini, MD; Gabriele Materazzi, MD; Marco Biricotti, MD; *Pisa, Italy***Minimally Invasive Parathyroidectomy for a Right Upper Retroesophageal Parathyroid Adenoma**Wei-Ting Kuo, MD; Quan-Yang Duh, MD, FACS; Anthony Boganey, MD; *San Francisco, CA***Retro-Auricular Robotic Parathyroidectomy**Salah E. Mohamed, MD; Nuha Alsaleh, MD, FACE; Hossam Mohamed, MD; Thomas H. Moulthrop, MD; Rizwan Aslam, DO, FACS; Emad Kandil, MB, BCh, FACS; *New Orleans, LA***Lateral Compartment Neck Dissection for the Treatment of Metastatic Thyroid Cancer**Salem I. Noureldine, MD; Ralph P. Tufano, MD, FACS; *Baltimore, MD***Central Compartment Neck Dissection for the Management of Metastatic Differentiated Thyroid Cancer**Ralph P. Tufano, MD, FACS; Salem I. Noureldine, MD; *Baltimore, MD***Dome-Down Approach for Large Hypervascular Left Pheochromocytoma**Steven P. Bowers, MD, FACS; Ruchir Puri, MD; Yurena Caballero, MD; *Jacksonville, FL***VE21 | 9:45 - 11:15 am****Vascular Surgery***Location: Moscone North, Exhibit Level, Room 135*

TRACKS: VAS

COORDINATOR AND PRESIDING OFFICER:

Lakshmikumar Pillai, MD, FACS, *Morgantown, WV*

PANELISTS:

Mark K. Eskandari, MD, FACS, *Chicago, IL*M. Ashraf Mansour, MB, BCh, FACS, *Grand Rapids, MI*Murray L. Shames, MD, FACS, *Tampa, FL***Seatbelt and Airbag Technique for Embolic Protection during Carotid Stenting**David E. Timaran, MD; Luis F. Gomez; Martyn Knowles; Mirza S. Baig, MD; Carlos H. Timaran, MD, FACS; *Dallas, TX***Management of Iatrogenic Subclavian Artery Injury Utilizing Radial Access for Arterial Repair**Varinder S. Phangureh, MD; Marvin V. Weaver, MD; Peter Faries, MD; Alexandra Naides; Amish Patel, MD; Rajesh Malik, MD; Michael L. Marin, MD, FACS; Rami O. Tadros, MD; *New York, NY***A Novel Use of IVUS in Management of Chronic Type B Aortic Dissection Associated Aneurysm**Siddharth Agarwal, MD; Rumi Faizer, MD, FACS; Gabriel Loor, MD; Andrew Misselt, MD; *Minneapolis, MN***Left Renal Vein Transposition for the Treatment of Nutcracker Syndrome**Sina Iranmanesh, MD; Brittny W. Howell, MD; John J. Ricotta, MD, FACS; *Washington, DC*

Explant of Endovascular Aortic Aneurysm Repair Graft

Dustin Y. Yoon, MD; Mark K. Eskandari, MD, FACS;
Chicago, IL

Treatment Strategies to Repair a 13 cm Aortic Perigraft Seroma and a 6cm Concomitant Proximal Juxta-Anastomotic Aneurysm

Farah Hanif Ali Mohammad, MB, BS; Loay Kabbani, MD; Jeff Mathew, MD; Praveen Balraj, MD; Alexander D. Shepard, MD, FACS; *Detroit, MI*

Management of Infected Aortic Endograft

Yana Kleyner, MD; Scott M. Damrauer, MD; Holly L. Graves, MD; Grace J. Wang, MD, FACS; Oksana Jackson; Ronald Fairman, MD; Benjamin M. Jackson, MD, FACS; *New York, NY*

Endoscopic Saphenous Vein Harvest for Lower Extremity Arterial Bypass

Daniel Kendrick, MD; Vikram S. Kashyap, MD, FACS;
Cleveland Heights, OH

VE22 | 12:45 - 4:00 pm

International Video Session

Location: Moscone South, Esplanade Level, Room 305

TRACKS: GEN, INT

COORDINATOR AND PRESIDING OFFICER:

Giovanni Dapri, MD, PhD, FACS, *Brussels, Belgium*

PANELISTS:

Carlos E. Jacob, MD, PhD, *Sao Paulo, Brazil*
Manabu Yamamoto, MD, FACS, *Fukuoka, Japan*

Laparoscopic Repair following Failed Laparoscopic Ventral Hernia Repair

Dermot J. Hehir, MB MCh, FRCSI, FACS; Chin Y. Then, MD; *Tullamore, Ireland*

Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy (HIPEC) in the Treatment of Multicystic Peritoneal Mesothelioma

Elena Orsenigo, MD, FACS; Damiano Chiari; Giovanni Guarneri, MD; Guido Fiorentini, MD; Carlo Staudacher, MD, FACS; *Milano, Italy*

Three-Field Minimally Invasive Esophagectomy with the Patient in Prone Position

Leonardo Ferraz, MD; Rafael Ferreira, MD; Alexandre Fiuza, MD; Thiago Boechat, MD; Marcio Balieiro, MD; Livia Aguiar, MD; Jose DeRibamar Saboia de Azevedo, MD, PhD, FACS; *Rio de Janeiro, Brazil*

Multiple Esophageal Prosthesis in Cancer Recurrence: Final Treatment

Enrique Moreno Gonzalez, MD, FACS(Hon); *Madrid, Spain*

Laparoscopic D2 Total Gastrectomy for Gastric Cancer

Pietro Maida, MD; Vittorio Di Maio; Maria Elena Giuliano, MD; Marco Del Prete; Paola Della Rocca; Luigi Barra; *Naples, Italy*

Laparoscopy Gastrectomy and Left Hepatic Segmentectomy with D2 Lymphadenectomy for TIVb Gastric Adenocarcinoma

Renato Araujo-Pereira, MD; Bruno Zilberstein, MD, FACS; Maurice Franciss, MD; Ricardo Staffa, MD; Roger Moreira, MD; Leandro Cardoso L. Barchi, MD; Edison Rodrigues, MD; Juliana Ferreira, MD; *Sao Paulo, Brazil*

Laparoscopic Radical D2 Gastrectomy for Gastric Cancer on the Excluded Stomach after Gastric Bypass for Morbid Obesity

Augusto C. Tinoco, MD, PhD, FACS, *Itaperuna, Brazil*

Laparoscopic Partial Splenectomy

Yiping Mou, MD, FACS; Harsha Ajoodhea, MD; Yucheng Zhou; Yunyun Xu; *Hangzhou, China*

Left Hepatic Colangiocarcinoma—Laparoscopic Resection and Endoscopic Treatment of Complication

Jose Julio R. Monteiro Filho, MD; Alexandre M. Duarte, MD; Flavio M. M. Oliveira, MD; Marcelo B. Carneiro, MD; Paulo Jose M. Macedo, MD; Djalma E. Coelho, MD, PhD; *Rio De Janeiro, Brazil*

Identification of the Bile Duct during Laparoscopic Left Hepatectomy Using ICG-Fluorescence Imaging

Yoshikuni Kawaguchi, MD; Nomi Takeo, MD, PhD; David Fuks, MD, PhD; Brice Gayet, MD, PhD; *Paris, France*

Single-Incision Laparoscopic Cholecystectomy, Is the Difficult Case Safe?

Andres L. Hanssen, MD, FACS; Sergio Plotnikov, MD; Rinci L. Dubois, MD; Geylor A. Acosta, MD; Marwil Pacheco, MD; *Caracas, Venezuela*

Incidental Intraoperative Diagnosis of a Papillary Cholangiocarcinoma Type I Stage of Bismuth in a Patient with History of Billroth II Surgery: A Case Report

Jaime Otero de Pablos, MD; Sandra Garcia Botella; Patricia M. Saez Carlin; Cristina C. Sanchez del Pueblo, MD; Luis Ignacio Diez Valladares, MD; Antonio J. Torres, MD, PhD, FACS; *Madrid, Spain*

Totally Robotic Duodeno-Pancreatectomy

Jacques Matone, MD, FACS; Antonio Luiz V. Macedo; Samuel Okazaki, MD; Gabriel Maccapani; *Sao Paulo, Brazil*

Ligament of Treitz Approach in Laparoscopic Modified Radical Antegrade Modular Pancreatosplicectomy (RAMPS)

Hiroki Sunagawa, MD; Tomofumi Orokawa; Naoto Oshiro; *Okinawa, Japan*

Leiomyoma at the Esophagogastric Junction: Different Minimally Invasive Treatment Approaches

Luigi Bonavina, MD, FACS; Alberto Aiolfi; Davide Bona, MD; Stefano Siboni, MD; *Milano, Italy*

Endoscopic Subcutaneous Approach to Component Separation

Jorge E. Daes, MD, FACS, *Barranquilla, Colombia*

VE23 | 12:45 - 4:00 pm

Colon and Rectal Surgery II

Location: Moscone North, Exhibit Level, Room 135

TRACK: CRS

COORDINATOR AND PRESIDING OFFICER:

Alan E. Harzman, MD, FACS, *Columbus, OH*

PANELISTS:

Amir L. Bastawrous, MD, FACS, *Seattle, WA*
Elisa H. Birnbaum, MD, FACS, FASCRS, *St. Louis, MO*
Imran Hassan, MD, FACS

Minimally Invasive Management of Traumatic Diaphragmatic Injuries: Laparoscopic and Thoracoscopic Approach for Diagnosis and Repair

Salomone Di Saverio, MD; Gregorio G. Tugnoli, MD; Sergio N. Forti Parri; Andrea Biscardi, MD; Elisa Bianchi; Kenji Kawamukai, MD; Giovanni Leuzzi, MD; Gian M. Guiducci, MD; Silvia Villani, MD; Claudio B. Massoni, MD; *Bologna, Italy*

Complex Reoperative Ileo-Anal J-Pouch

Joseph Garvin, MD; Jean H. Ashburn, MD; Feza H. Remzi, MD, FACS; *Cleveland, OH*

Tips and Techniques for Re-Do Ileal Pouch Surgery

Jennifer E. Ryan, BSc, MB, BS, FRACS; Alex Wong, MB, BS, FRACS; Feza H. Remzi, MD, FACS; *Cleveland, OH*

New Perspectives of Laparoscopic Treatment of Acute Diverticulitis with Diffuse Peritonitis

Rafael Nagato, MD; Jose de Ribamar Saboia de Azevedo, MD, FACS; Rafaela L. Dallalana; Gloria Maria L. Costa, MD; Leonardo R. Ferraz, MD; Aureo Ludovico DePaulo, PhD; Alexandre Prado Rezende, PhD; *Rio de Janeiro, Brazil*

Laparoscopy for Intestinal Obstruction Secondary to Hinchey II Sigmoid Diverticulitis

Ayermin H. Vargas Salgueiro, MD, *Chihuahua, Mexico*

Laparoscopic Division of Colovesical Fistula, Sigmoid and Ileal Resections, and Bilateral Salpingo-oophorectomy for Complicated Diverticulitis

Barry A. Salky, MD, FACS, *New York, NY*

Re-Do J-Pouch Surgery for Ileal Pouch-Anal Anastomotic Leak

Eleanor M. Faul, FRCSI; Jean H. Ashburn, MD; Feza H. Remzi, MD, FACS; *Cleveland, OH*

Delayed Coloanal Anastomosis with Transverse Coloplasty for Complex Sphincter-Saving Rectal Surgery

Francesco P. Prete, MD, PhD; Patrizia Liguori; Vincenzo De Leo; Fernando Prete; *London, U.K.*

Total Coloproctectomy with Sphincter-Saving Resection

Filipa Eiro, MD; Stelio Sampaio Rua, MD; Alda Pinto, MD; Ana Cruz, MD; *Mafra, Portugal*

Curative Resection of Locally Recurrent Anal Cancer and Gracilis Muscle Flap Reconstruction of the Perineum

Elena Orsenigo, MD, FACS; Franz B. Preis; Luca Ghirardelli; Paola De Nardi, MD; *Milano, Italy*

Rectal Advancement Flap for High Posterior Transphincteric Fistula

Slawomir J. Marecik, MD, FACS; Noelle L. Bertelson, MD; Tareq Kamal, MD; Ajit Pai, MB, BS, MCh, MRCS; John J. Park, MD, FACS, FASCRS; Leela M. Prasad, MD, FACS, FASCRS, FRCS; *Park Ridge, IL*

Laparoscopic Right Colectomy with Complete Mesocolic Excision—A Cadaver Model

Hermann P. Kessler, MD, PhD; Ozgen Isik, MD; Meagan M. Costedio, MD, FACS; Feza H. Remzi, MD, FACS; I. Emre Gorgun, MD, FACS; *Cleveland, OH*

A Case of a Multi-Relapsing Perineal Hernia Following Abdominoperineal Resection: Management of a Rare but Insidious Complication

Carlo Staudacher, MD, FACS; Guido Fiorentini, MD; Saverio Di Palo, MD; Franz Baruffaldi Preis; Paola De Nardi; *Milano, Italy*

da Vinci-Assisted Perineal Hernia Repair

Samir R. Shah, MD; Dipen C. Maun, MD, FACS; Jeffrey V. Manchio, MD; Ben M. Tsai, MD, FACS; *Indianapolis, IN*

VE24 | 2:30 - 4:00 pm

Trauma

Location: Moscone West, Third Level, Room 3020/3022

TRACKS: GEN, TRA

COORDINATOR AND PRESIDING OFFICER:

Dennis W. Ashley, MD, FACS, FCCM, *Macon, GA*

PANELISTS:

Mark C. Cipolle, MD, FACS, *Newark, DE*
Christopher J. Dente, MD, FACS, *Atlanta, GA*
Frank R. Kennedy, MD, FACS, *San Diego, CA*
Ronald M. Steward, MD, FACS, *San Antonio, TX*

Operative Approach to Abdominal Trauma

Katherine M. McKendy, MD; Andrew Beckett; Paola Fata; Kosar A. Khwaja, MD, FACS; Tarek S. Razek, MD, FACS; Dan L. Deckelbaum, MD; *Montreal, QC*

Axillary Vascular Trauma Exposure

Kelly N. Vogt, MD; Emilie Joos, MD; Stefano Siboni, MD; Demetrios Demetriades, MD, FACS; *Pasadena, CA*

Gunshot Wound Transfixed Several Body Segments—Assessment and Management

Francisco D. S. Collet E. Silva, MD, FACS; Netow D. Mori, MD, FACS; Adriano Pflug, MD; Jocielle S. Miranda, MD; Samir Rasslan, MD, FACS; *Sao Paulo, Brazil*

A Rare Indication for Laparoscopic Splenectomy for Trauma: Penetrating Abdominal Stabwound in Left Upper Quadrant with Splenic Arterial Blush

Salomone Di Saverio, MD; Andrea Biscardi, MD; Filippo Paratore, MD; Elisa Bianchi; Nazareno Smerieri, MD; Claudio B. Massoni, MD; Antonio Tarasconi, MD; Silvia Villani, MD; Fausto Catena, MD, PhD, FRCS; Gregorio G. Tugnoli, MD; *Bologna, Italy*

Distal Pancreatectomy for Pancreatic Blunt Trauma

Daniel Roizblatt, MD; Marc Dakermadj, MD; David Benyayer; Christian Malo, MD; Paola Fata; Dan L. Deckelbaum, MD; Andrew Beckett; Jalal Alowais, MD; Tarek S.A. Razek, MD, FACS; Kosar Khwaja; *Montreal, QC*

Delayed Presentation of Traumatic Duodenal Perforation Managed with Tube Duodenostomy

Ahmad M. Zarour, MB, BS, FACS; Mohammad Muneer, MB, BS; Ammar Al Hassani, MD; Ahmed Elfaramawy, MB, BCh; Ahad I. Kanbar, MD, CABS, FICMS; Ayman El-Menyar, MD; Hassan A. Al Thani, MB, BCh, FACS; *Doha, Qatar*

Evolving Concepts for a Modern Minimally Invasive Management of Perforated Acute Diverticulitis

Salomone Di Saverio, MD; Andrea Biscardi, MD; Raffaele R. Lombardi, MD; Elisa Bianchi; Simonetta Selleri, MD; Gregorio G. Tugnoli, MD; Marco Bassi, MD; Michele Masetti; Vincenzo Cennamo; Elio Jovine; *Bologna, Italy*

The Use of Topical Negative Pressure Dressings for Combat Wounds

Steven L.A. Jeffery, MD; *Hanbury, U.K.*

VE25 | 2:30 - 5:45 pm

Pediatric Surgery

Location: Moscone North, Exhibit Level, Room 130-131

TRACK: PED

COORDINATOR AND PRESIDING OFFICER:

Todd A. Ponsky, MD, FACS, *Akron, OH*

PANELISTS:

Timothy D. Kane, MD, FACS, *Washington, DC*
Shawn D. St. Peter, MD, FACS, *Kansas City, MO*

Laparoscopic Total Gastrectomy for Multifocal Pediatric Wildtype Gastrointestinal Stromal Tumors of the Stomach

Riccardo Rosati, MD, FACS; Uberto Fumagalli, MD; Alessandra Melis, MD; *Milan, Italy*

Thoracoscopic Resection of Congenital Lobar Emphysema

Hira Ahmad, MD; Julie Long, MD; Fuad Alkhoury, MD; *Weston, FL*

Laparoscopic Repair of Congenital Subcostal Hernia

Mehmet S. Arda, MD; Hamrick C. Miller, MD; Faisal G. Qureshi, MD, FACS, FAAP; *Washington, DC*

Laparoscopic Chait Cecostomy Tube Placement

Joseph Church, MD; Daniel H. Teitelbaum, MD, FACS; Marcus D. Jarboe, MD, FACS; *Ann Arbor, MI*

Laparoscopic Bilateral Gonadectomy and Salpingectomy for Gonadal Dysgenesis

Farokh Demehri, MD; Karen E. Speck, MD; Melinda Dendinos, MD; Daniel H. Teitelbaum, MD, FACS; Elisabeth H. Quint, MD; *Ann Arbor, MI*

Endoscopically-Assisted Band Ligation of Prolapsing Mucosa from Long-Term Gastrostomy Site

Ryan M. Juza, MD; Eric M. Pauli, MD; *Palmyra, PA*

Thoracoscopic Resection of Intraparenchymal Bronchogenic Cyst: With a Little Bit of Help

Robert L. Parry MD, FACS, *Akron, OH*

Laparoscopic Repair of a Traumatic Diaphragmatic Rupture and Gastric Perforation in a Pediatric Patient

Nicole E. Sharp, MD, *Temple, TX*; Amita A. Desai, MD; Corey W. Iqbal, MD; *Kansas City, MO*

Laparoscopic Ladd's Procedure for Superior Mesenteric Artery Syndrome

Jun Tashiro, MD; Juan E. Sola, MD, FACS; *Miami, FL*

Laparoscopic Spleen-Preserving Distal Pancreatectomy for Trauma in a Child

Hanna Alemayehu, MD, *Yonkers, NY*

Thoracoscopic Resection of Giant Cystic Right Upper Lobe Congenital Pulmonary Airway Malformation in an Infant Presenting with Acute Respiratory Distress

Saundra M. Kay, MD; Steven S. Rothenberg, MD, FACS, FAAP; *Denver, CO*

Laparoscopic Resection of an Adrenal Neuroblastoma Using a 3 mm Vessel Sealer in a 2 Month Old

Steven S. Rothenberg, MD, FACS, FAAP, *Denver, CO*

Thoracoscopic Management of Difficult Chylothorax

Laura E. Fischer, MD; Daniel J. Ostlie, MD, FACS; *Madison, WI*

Thoracoscopic Sympathectomy: Demonstration of Technique

Nicholas Bruns, MD, *Cleveland, OH*

Four Arguments for the Laparoscopic Pediatric Hernia Repair All in One Patient

Todd A. Ponsky, MD, FACS; Margaret Nalugo, MB, ChB, MPH; Aaron Garrison, MD; *Akron, OH*

Laparoscopic Excision of Type-I Choledochal Cyst and Hepaticoduodenostomy Reconstruction in a Child with Situs Inversus Abdominus Totalis

Eric B. Jelin, MD, *San Francisco, CA*

Laparoscopic Lateral Pancreaticojejunostomy (Puestow Procedure) for Pancreatic Ductal Obstruction in a 4 Year Old Utilizing Augmented Reality Fusion of Ultrasound and Laparoscopy for Pancreatic Duct Identification

Eric B. Jelin, MD, *San Francisco, CA*

VE26 | 2:30 - 5:45 pm

General Surgery III

Location: Moscone West, Second Level, Room 2006/2008

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

Daniel M. Herron, MD, FACS, *New York, NY*

PANELISTS:

Pascal R. Fuchshuber, MD, FACS, *Walnut Creek, CA*
Kevin M. Reavis, MD, FACS, *Portland, OR*

Combined Open Tracheostomy Using Percutaneous Kit

Rodrigo Campos Moscoso, MD; Daniel Roizblatt; Miguel Plaza de lo Reyes; Ricardo Geni; Cristian Taladriz, MD; *Santiago, Chile*

Laparoscopic Repair of a Large Morgagni Hernia in an Elderly Patient

Jane S. Lee, MD; Patrick E. LeMasters, MD; Scott Q. Nguyen, MD, FACS; Celia M. Divino, MD, FACS; Edward H. Chin, MD, FACS; *New York, NY*

Complex Pancreatic Surgery Can Safely Be Done Laparoscopically while Adhering to Oncological Principles

Jeremy M. Linson, MD; Ziad T. Awad, MB, BCh, FACS; Bestoun H. Ahmed, MD, FACS; *Jacksonville, FL*

Ileal Conduit and Colostomy Revision with Two Parastomal Hernia Repairs Using Synthetic Mesh

Clayton C. Petro, MD; Yuri W. Novitsky, MD; Michael J. Rosen, MD, FACS; *Cleveland, OH*

Laparoscopic Roux-en-Y Jejunostomy for Enteral Access

Parth K. Shah, MB, BS; Patrick T. Hangge, BS;
Pradeep K. Pallati, MD; Robert J. Fitzgibbons, MD,
FACS; *Omaha, NE*

Laparoscopic Repair of Internal Hernia after Antecolic Roux-en-Y Gastric Bypass

Matthew D. Spann, MD; Brandon Williams, MD,
FACS; *Nashville, TN*

Laparoscopic Trans-Gastric Excision of a Gastro-Esophageal Junction Cancer

M. Blair Marshall, MD, FACS; A. Ruth He, MD, PhD;
Lynt B. Johnson, MD, MBA, FACS; Nadim Haddad,
MD; *Washington, DC*

Single-Incision Laparoscopic Incisional Hernia Repair: The Scroll Technique

Alan A. Saber, MD, FACS; Tarek El-Ghazaly, MD; Amer
M. Homsy, MD; Ornela Dervishaj, MD; *Brooklyn, NY*

Totally Laparoscopic Esophagectomy with Esophagogastroplasty

Leonardo Ferraz, MD; Livia Aguiar, MD; Jose de
Ribamar Azevedo, MD, PhD, FACS; Alexandre Fiuza,
MD; Rafael Ferreira, MD; Thiago Boechat, MD; *Rio
de Janeiro, Brazil*

Fibrin Glue in Pilonidal Disease: A Novel Application

Marcus M. Handmer, MB, BS(Hon); Ken Wong, MB,
BS(Hon), FRACS; *Gosford, Australia*

Robotic Bilateral Posterior Retroperitoneal Adrenalectomy for Pheochromocytoma

Eren Berber, MD, FACS; Cem Dural, MD; Muhammet
Akyuz, MD; Priya Iyer, MD; *Cleveland, OH*

Use of Dual Robotic Consoles Allows Reestablishment of the Traditional Attending/Trainee Dynamics: Totally Robotic Left-Sided Adrenalectomy as an Example

Mohamed Elgamal, MB, BCh; Francesco Palazzo,
MD, FACS; Michael Pucci, MD; Karen A. Chojnacki,
MD, FACS; Ernest L. Rosato, MD, FACS; *Grand
Rapids, MI*

Robotic Splenectomy

Kevin Koomalsingh, MD; Yanghee Woo, MD; *Forest
Hills, NY*

Bilateral Parastomal Hernia Repair with Mesh Sublay

Clayton C. Petro, MD; Cory N. Criss, MD; Natasza
M. Posielski; Yuri W. Novitsky, MD; *Cleveland, OH*

A Novel Approach for Intracorporeal**Esophagojejunostomy Using Hand-Sewn Suture after Totally Laparoscopic Total Gastrectomy**

Yiping Mou, MD, FACS; Harsha Ajoodhea, MD;
Xiao-Wu Xu, MD; Weilin Qi, MS; *Hangzhou, China*

Thursday, October 30**VE27 | 8:00 - 9:30 am****Hepatobiliary II***Location: Moscone North, Exhibit Level, Room 130-131*

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

Horacio J. Asbun, MD, FACS, *Jacksonville, FL*

PANELISTS:

Eren Berber, MD, FACS, *Cleveland, OH*
Mark S. Talamonti, MD, FACS, *Evanston, IL*
Go Wakabayashi, MD, FACS, *Morioka, Japan*

Laparoscopic Synchronous Resection of Bilobar Liver Metastases at the Time of Primary Colorectal Cancer Resection

Eren Berber, MD, FACS; Muhammet Akyuz, MD;
Priya Iyer, MD; Cem Dural, MD; Erol Aksoy, MD;
Cleveland, OH

Laparoscopic Right Hepatectomy with Extrahepatic Division of Right Hepatic Vein

A. Daniel Guerron, MD; Federico Aucejo; Eren Berber, MD, FACS; *Cleveland, OH*

Reversal Advanced Laparoscopic Liver and Pancreatic Surgery (ALLPS): Left Portal Vein Ligation with In-Situ Splitting for Two-Stage Left Trisectionectomy

Marcel Autran C. Machado, MD; Fabio F. Makdissi,
MD; Rodrigo C. Surjan, MD; *Sao Paulo, Brazil*

Laparoscopic Right Hepatectomy in Caroli Disease, Confined to the Right Hepatic Lobe

Jacques Matone, MD, FACS; Antonio Luiz V.
Macedo; Samuel Okazaki, MD; Gabriel Maccapani;
Sao Paulo, Brazil

Pure Laparoscopic Extended Sectorectomy of the Liver Combined with the Major Hepatic Vein Resection

Zenichi Morise, MD, PhD, FACS; Norihiko Kawabe;
Hirokazu Tomishige; Hidetoshi Nagata; Jin Kawase;
Satoshi Arakawa; Masashi Isetani; *Nagoya, Japan*

Totally Laparoscopic ALLPS Procedure

Michael R. Schon, MD, PhD; Daniel Gartner, MD;
Konstantinos Kouladouros; Christoph Justinger,
MD; *Karlsruhe, Germany*

Pure Laparoscopic S8 Vent Subsegmentectomy for HCC

Go Wakabayashi, MD, PhD, FACS, *Morioka, Japan*

Cavoatrial Thrombectomy Combined with Right Hepatectomy Extended to Segment IV for Vascular Invasion from Hepatocellular Carcinoma Through an Abdominal, Transdiaphragmatic, and Intrapericardiac Approach

Emilio Vicente, MD, PhD, FACS; Yolanda Y. Quijano,
MD; Benedetto Ielpo; Hipolito Duran, MD, PhD;
Eduardo Diaz; Isabel Fabra; Catalina Oliva; Sergio
Olivares, MD; Juan Carlos Plaza; Belen Porrero;
Madrid, Spain

VE28 | 8:00 - 11:15 am**Bariatric Surgery***Location: Moscone North, Exhibit Level, Room 135*

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:

Alan A. Saber, MD, FACS, *Brooklyn, NY*
Daniel M. Herron, MD, FACS, *New York, NY*

PANELISTS:

Archana Ramaswamy, MD, FACS, *Minneapolis, MN*
Don J. Selzer, MD, FACS, *Indianapolis, IN*

Heller Esophagomyotomy as Treatment of Achalasia in a Patient after Gastric Bypass for Morbid Obesity

Raul J. Rosenthal, MD, FACS, FASMB; David Nguyen, MD; Fernando Dip, MD; Emanuele Lo Menzo, MD, FACS; Samuel Szomstein, MD, FACS; *Weston, FL*

Laparoscopic Conversion of Sleeve Gastrectomy to Roux-en-Y Gastric Bypass and Resection of the Gastrocutaneous Fistula Due to Proximal Leak

Nimesh N. Shah, MD; Rena C. Moon, MD; Andre F. Teixeira, MD; Muhammad A. Jawad, MD, FACS; *Orlando, FL*

Sleeve Gastrectomy Revision to a Gastric Bypass for Acute Leak

Andres L. Hanssen, MD, FACS; Sergio Plotnikov, MD; Rinci L. Dubois, MD; Geylor A. Acosta, MD; Marwil Pacheco, MD; Rafael A. Hanssen, MS; *Caracas, Venezuela*

Laparoscopic Reversal of Gastric Bypass to Normal Anatomy or Sleeve Gastrectomy for Hyperinsulinemic Hypoglycemia

Guilherme M. Campos, MD, FACS; Laura E. Fischer, MD, MS; Mohammad J. Khoraki, MB, BS; Dawn B. Davis, MD, PhD; *Madison, WI*

Laparoscopic Adjustable Gastric Band Herniation into the Hiatus: A Previously Unreported Complication

Richard M. Peterson, MD, FACS; Alejandra Pena, MD; Patrick Nguyen, MD, FACS; *San Antonio, TX*

Management of Gastroduodenal Fistula after Band Erosion

Rana C. Pullatt, MB, BS, FACS; Karl Byrne; Kunal J. Patel, MD; Vivian J. Bea, MD; *Charleston, SC*

Laparoscopic Hand Sewn Sleeve Gastrectomy

Alan A. Saber, MD, FACS, *Brooklyn, NY*

Laparoscopic Management of Retrograde Jejunal Intussusception after Roux-en-Y Gastric Bypass

Matthew D. Spann, MD; Jason R. Axt, MD; Brandon Williams, MD, FACS; *Nashville, TN*

Management of Staple Misfiring in Laparoscopic Sleeve Gastrectomy

Jonathan Giannone, MD; Ashutosh Kaul, MB, BS, FACS; *Somers, NY*

Laparoscopic Revision of Vertical Band Gastroplasty to Roux-en-Y Gastric Bypass

Dilendra H. Weerasinghe, MB, BS; Sunil K. Sharma, MB, BS, FACS; *Flushing, NY*

Laparoscopic Adjustable Gastric Band Removal with Three Different Surgical Techniques

Ryan C. Broderick, MD; Cristina R. Harnsberger, MD; Hans F. Fuchs, MD; Martin A. Berducci, MD; Catherine Beck, MD; Moneer E. Almadani, MD; Bryan J. Sandler, MD, FACS; Garth R. Jacobsen, MD, FACS; Santiago Horgan, MD, FACS; *San Diego, CA*

Endoscopic Gastropexy with Endoscopy and Fluoroscopy-Assisted Intra-gastric Stapling of Vertical Banded Gastroplasty Stricture

Elizabeth Colsen, MD; Sayeed Ikramuddin, MD, FACS; Daniel Leslie, MD; *Bloomington, MN*

Laparoscopic Hiatal Hernia Repair and Fundic Resection in the Management of Refractory Gastro-Esophageal Reflux Disease after Gastric Bypass

Pornthep Prathanvanich, MD, FACS; Bipan Chand, MD, FACS; *Maywood, IL*

Revisional Surgery after Single Anastomosis Duodeno-Ileal Gastric Bypass with Sleeve Gastrectomy

Emmy Arrue Del Cid, MD; Andres Sanchez Per-naute, MD, PhD; Esther Sanchez Lopez, MD; Patricia Saez Carlin; Pablo Talavera, MD; Miguel Angel Rubio; Elia Perez Aguirre, MD, PhD; Antonio J. Torres, MD, PhD, FACS; *Madrid, Spain*

Why Stomach Intestinal Pyloric Sparing Surgery Makes Sense: A Modified Duodenal Switch

Andrew R. Brownlee, MD; Mitchell S. Roslin, MD, FACS; *New York, NY*

Scientific Poster Presentations

The Scientific Poster Presentations are listed alphabetically by category. Each poster will be on display only during the date noted on this page. Refer to the page number that follows each category to find information regarding each group of posters, including booth location. Posters will be on display in the Moscone Center, South Hall.

Admittance to the Poster Presentations is allowed only with an official badge. Spouses, guests, and young adults 16 years of age or older may visit the poster presentations, provided they are registered.

Posters will be on display Monday, October 27, through Wednesday, October 28, from 9:00 am – 4:30 pm. Attendees are especially encouraged to visit the posters during the 11:00 am – 2:30 pm lunch period, when authors will be at their booths to discuss their work and answer questions.

In addition, in an effort to promote and acknowledge the work of these exhibitors, attendees are cordially invited to attend a lunchtime tour of the Posters of Exceptional Merit, facilitated by Program Committee Chair, Valerie W. Rusch, MD, FACS, and Craig S. Derkay, MD, FACS. This presentation will take place Tuesday, October 28, in the Moscone Center, South Hall, from 11:30 am – 12:30 pm.

Daily, October 27, 28, 29 (M,T,W)

Posters of Exceptional Merit 158

Monday, October 27 (M)

General Surgery	163
Neurosurgery	168
Otolaryngology	168
Surgical Oncology	175
Trauma Surgery	177
Urology	179
Vascular Surgery	179

Tuesday, October 28 (T)

Bariatric Surgery	159
Colon and Rectal Surgery	160
Endocrine Surgery	162
Geriatric Surgery	165
Liver/Biliary Tract/Pancreas	165
Orthopaedic Surgery	168
Pediatric Surgery	169
Transplantation	177

Wednesday, October 29 (W)

Cardiothoracic Surgery	159
Miscellaneous	167
Obstetrics and Gynecology	168
Perioperative, Critical Care Surgery	169
Plastic/Maxillofacial Surgery	169
Quality, Outcomes, and Costs	171
Surgical Education	173
Surgical Humanitarian Outreach	175

Posters of Exceptional Merit

Evaluation of Autotransfusion during Resection of Colorectal Carcinoma Liver Metastases (CRCLM); Are Circulating Tumor Cells (CTCs) a Problem? PP36-M,T,W
Kenneth K. Tanabe, MD, FACS; Shyamala Maheswaran, PhD; Jjiping Wang, MD, PhD; Kristina Xega; Christopher P. Stowell, MD, PhD; Cristina R. Ferrone, MD; Daniel A. Haber, MD, PhD; David T. Ting, MD. *Massachusetts General Hospital, Boston, MA*

Evolution of Colorectal Notes Surgery: Bottoms Up Transanal Abdominal Transanal Approach (TATA)/ Total Mesorectal Excision (TME): A Case-Matched Study of Transanal TME Surgery for Rectal Cancer PP29-M,T,W
John H. Marks, MD, FACS; Grace A. Montenegro, MD; Margaret Shields; Gerald Marks, MD, FACS. *Lankenau Medical Center, Wynnewood, PA*

Experience of General Surgery Residents in the Creation of Intestinal Anastomoses PP33-M,T,W
Rolando H. Rolandelli, MD, FACS; Samantha R. Paglinco; Zoltan H. Nemeth, MD, PhD; Lyly M. Nguyen, MD; Eric L. Lazar, MD, FACS; Patricia Barratt-Stopper, APN-C. *Morristown Medical Center, Morristown, NJ*

From Theory to Evidence: Long-Term Evaluation of the Mechanism of Action and Flap Integration of Distal Vascularized Lymph Node Transfers PP35-M,T,W
Ketan M. Patel, MD; Michael Sosin, MD; Chia-yu Lin, MSc; Ming-Huei Cheng, MD, FACS. *Chang Gung Memorial Hospital, Taoyuan, Taiwan*

Implementation of Collaborative Practice Processes Increase Donation after Circulatory Death in a Level I Trauma Center PP26-M,T,W
Rodrigo F. Alban, MD, FACS; Bobby L. Gibbons, MD; Vanessa Bershad, MPH. *Orlando Regional Medical Center, Orlando, FL*

Microsurgery for Prevention and Early Treatment of Lymphatic Disorders after Nodal Dissection PP27-M,T,W
Corradino A. Campisi, MD, PhD, FACS; Corrado C. Campisi, MD; Francesco Boccardo, MD, PhD; Melissa Ryan, PhD. *IRCCS - University Hospital San Martino, Genova, Italy*

Prognostic Impact of Retrieved Lymph Node Number in Patients with Gastric Carcinoma PP32-M,T,W
Wataru Okajima, MD; Shuhei Komatsu, MD, PhD; Daisuke Ichikawa, MD; Hiroataka Konishi, MD; Takeshi Kubota, MD, PhD; Kazuma Okamoto, MD; Atsushi Shiozaki, MD, PhD; Hitoshi Fujiwara, MD; Chohei Sakakura; Eigo Otsuji. *Kyoto Prefectural University of Medicine, Kyoto, Japan*

Regional Inequity in Wait Times for Liver Transplant for Hepatocellular Carcinoma Does Not Alter Patient Survival PP28-M,T,W
Antoin Douglawi; Mary Lo; Yuri Genyk, MD; Linda Sher, MD; Kiran Dhanireddy, MD. *University of Southern California, Los Angeles, CA*

Risk Factors for 30-Day Mortality after Pulmonary Resection for Lung Cancer from the National Cancer Data Base: An Analysis of More Than 200,000 Patients PP34-M,T,W

Manu S. Sancheti, MD; Theresa Gillespie, PhD; Dana Nickleach, MA; Yuan Liu; Kristin Higgins, MD; Suresh Ramalingam, MD; Joseph Lipscomb, PhD; Felix G. Fernandez, MD, FACS. *Emory University, Atlanta, GA*

Safety and Efficacy of Early Drain Removal and Triple-Drug Therapy to Prevent Pancreatic Fistula after Distal Pancreatectomy: A Prospective Study at a Single Institute PP25-M,T,W

Tomohiko Adachi, MD; Tamotsu Kuroki, MD; Amane Kitasato, MD, PhD; Masataka Hirabaru, MD; Hajime Matsushima, MD; Akihiko Soyama, MD, FACS; Mitsuhisa Takatsuki, MD, PhD, FACS; Susumu Eguchi, MD, FACS. *Nagasaki University, Nagasaki, Japan*

Bariatric Surgery

Absence of an Additional Metabolic Effect for Body Contour Surgery in Patients that Undergo Laparoscopic Roux-en-Y Gastric Bypass PP115-T

Luis A. Martin-del-Campo, MD; Miguel F. Herrera, MD, PhD; Martin Iglesias, MD; Julio Herrera-Zamora; Gonzalo Torres-Villalobos, MD. *Instituto Nacional de Ciencias Médicas y Nutrición, México D.F., Mexico*

Bariatric Surgery in Patients with Dialysis-Dependent Renal Failure PP119-T

Anthony B. Mozer, MD; Konstantinos Spaniolas, MD; William H. Chapman, MD, FACS; Walter J. Pories, MD; John R. Pender IV, MD. *East Carolina University, Greenville, NC*

Effects of Changes in Adipocyte Hormones and Visceral Adipose Tissue and the Reduction of Obesity-Related Comorbidities after Laparoscopic Sleeve Gastrectomy in Japanese Patients with Severe Obesity PP121-T

Akira Umemura, MD; Akira Sasaki; Hiroyuki Nitta; Toru Obuchi; Takayuki Suto; Go Wakabayashi, MD, PhD, FACS. *Iwate Medical University, Morioka, Japan*

Indications and Outcomes of Reversal of Roux-en-Y Gastric Bypass PP117-T

Rena C. Moon, MD; Ashley Frommelt, MD; Andre F. Teixeira, MD; Muhammad A. Jawad, MD, FACS. *Orlando Regional Medical Center, FL*

Initial Experience and Study of Learning Curves for Robot-Assisted Sleeve Gastrectomy and Roux-en-Y Gastric Bypass PP118-T

Rena C. Moon, MD; Nelson A. Royall, MD; Andre F. Teixeira, MD; Muhammad A. Jawad, MD, FACS. *Orlando Regional Medical Center, FL*

Laparoscopic Transgastric Endoscopic Retrograde Cholangiopancreatography for the Treatment of Biliary Tract Disease after Roux-en-Y Gastric Bypass PP120-T

Zhuo Sun, MD; John Rodriguez, MD; Mazen Albeldawi,

MD; Bipan Chand, MD, FACS; Deanne Nash; Stacy A. Brethauer, MD, FACS; Phillip Schauer; Matthew D. Kroh, MD, FACS; Kevin M. El-Hayek, MD. *Cleveland Clinic, OH*

Model for Advanced Practice Clinician Utilization Allows for Increased Patient Access to Care and Satisfaction PP122-T

Eric T. Volckmann, MD; David M. Ray, MBA; Robert E. Glasgow, MD, FACS; Samuel R.G. Finlayson, MD, MPH, FACS. *University of Utah, Salt Lake City*

Readmission after Bariatric Surgery: A Retrospective Study of 1338 Cases in a Single Bariatric Surgery Center PP116-T

Nobuhide Matsuoka, MD; Pawandeep S. Hunjan, MD; Jonathan Giannone, MD; Anthony Maffei; Thomas Cerabona. *Westchester Medical Center/ New York Medical College, Valhalla, NY*

The Impact of Limb Length on Weight Loss following Laparoscopic Roux-en-Y Gastric Bypass PP114-T

John D. Hunter, MD; Laura A. Graham; Ayman Obeid, MD; Richard D. Stahl, MD, FACS; Jayleen Grams, MD. *University of Alabama, Birmingham*

Cardiothoracic Surgery

Cigarette Smoke Induces Epigenetic Dysregulation of microRNA Expression during Esophageal Adenocarcinogenesis PP9-W

Shakirat O. Oyetunji, MD; Sichuan Xi, MD, PhD; Said C. Azoury, MD; Mary Zhang, MS, RN; Julie Hong, MS; Suzanne M. Inchauste, MD; David Schrupp, MD, MBA. *National Institute of Health, Bethesda, MD*

Comparing Outcomes of Open vs. Flexible and Rigid Trans-Oral Endoscopic Techniques for the Treatment of Zenkers Diverticulum PP4-W

Daniel G. Jones; Abdullah Aloraini, MD; Steven D. Gowing, MD; Mara L. Leimanis, PhD, BSc; Roger J. Tabah, MD; Lorenzo E. Ferri, MD, PhD, FACS. *McGill University, Montreal, Quebec*

Efficacy of Intraoperative HyperEye Medical System Angiography for Coronary Artery Bypass Grafting PP19-W

Masaki Yamamoto, MD; Hideaki Nishimori; Nobuo Kondo; Takemi Handa; Takashi Fukutomi; Takayuki Sato, MD, PhD. *Kochi Medical School, Nankoku, Japan*

Examining Non-Cardiac Surgical Procedures in Patients Supported with Extracorporeal Membrane Oxygenation PP11-W

Sharven Taghavi, MD, MPH; Senthil Jayarajan, MD, MS; Abeel A. Mangi; Kathryn Hollenbach, PhD; Elizabeth Dauer, MD; Lars O. Sjöholm, MD, FACS; Abhijit S. Pathak, MD, FACS; Thomas A. Santora, MD, FACS; Amy J. Goldberg, MD, FACS; Joseph F. Rappold, MD, FACS. *Temple University, Philadelphia, PA*

Identification of a Unique miRNA Signature for Metastasis in a Rat Reflux Model of Esophageal Adenocarcinoma

PP5-W

Lori A. Kelly; Ali H. Zaidi, MD; Juliann E. Kosovec; Yoshihiro Komatsu, MD; Christina L. Rotoloni; Emily J. Lloyd; Amina Waheed, MD; Blair A. Jobe, MD, FACS. *Allegheny Health Network, Pittsburgh, PA*

Improving the Results of Coronary Artery Bypass Surgery: The Role of Multiple Arterial Grafting

PP18-W

Robert F. Tranbaugh, MD, FACS; Kamellia R. Dimittrova, MD; David J. Lucido, PhD; Charles M. Geller, MD; Gabriela R. Dincheva; Darryl M. Hoffman, MD. *Beth Israel Medical Center, New York, NY*

Mithramycin Inhibits Expression of the Novel Pluripotency Factor Musahi-2 in Lung Cancer Cells

PP17-W

Mary R. Zhang; Sichuan Xi, MD, PhD; Shakirat Oye-tunji, MD; Vivek Shukla, PhD; Mahadev Rao, PhD; Julie Hong; David S. Schrupp, MD, FACS. *National Cancer Institute, Bethesda, MD*

Myocardial Protection by HSP70i is Better at 24 Rather than 12 Hours after Hyperthermic Bypass

PP12-W

Barbara L. Robinson, MD, FACS; Terumasa Morita, MD. *Mayo Clinic, Rochester, MN*

Outcomes in Malperfusion Syndromes Associated with Complicated Acute Type A Aortic Dissection

PP7-W

Chun Li; Bradley G. Leshnower, MD; Vinod H. Thourani, MD, FACS; Michael E. Halkos, MD, FACS; Patrick Kilgo; Omar M. Lattouf, MD; John D. Puskas, MD, FACS, FACC; Robert A. Guyton, MD; Edward P. Chen, MD. *Emory University, Atlanta, GA*

Outcomes of Lung Cancer Surgery after Neoadjuvant Treatment: A NSQIP Analysis

PP8-W

Benedetto Mungo, MD; Cheryl K. Zogg, MSPH; Stephen Yang, MD; Richard J. Battafarano, MD, PhD; Malcolm Brock, MD; Daniela Molena, MD, FACS. *Johns Hopkins University, Baltimore, MD*

Predictors of Dysphagia and Its Impact Following Open Heart Surgery

PP2-W

Joshua C. Grimm, MD; Rika Okhuma, MD; Andrea Hayes, CCC-SLP; Alicia K. Vose, CCC-SLP; Claude A. Beaty, MD; Megan Orlando; Marc S. Sussman, MD; Glenn J. Whitman, MD, FACS. *Johns Hopkins Medical Institution, Baltimore, MD*

Racial Disparities in Wait List Outcomes for Heart Re-Transplantation in the U.S.

PP3-W

Awori J. Hayanga, MD; Jonathan Aboagye, MD; Heather E. Kaiser, MD, MPH; Lynn Huffman, MD; Michael Dickinson, MD; Jay K. Bhama; Asghar Khaghani, MD. *Spectrum Health-Michigan State University, Grand Rapids, MI*

Risk Factors for Long-Term Mortality after Pulmonary Resection for Lung Cancer: An Analysis of More Than 90,000 Patients from the National Cancer Data Base

PP6-W

Onkar V. Khullar, MD; Theresa Gillespie, PhD; Dana Nickleach, MA; Yuan Liu, PhD; Kristin Higgins, MD; Suresh Ramalingam, MD; Joseph Lipscomb, PhD; Felix G. Fernandez, MD, FACS. *Emory University, Atlanta, GA*

Super Dimension Fortress Macross (SDF-1)

Over-Expression Immediately following Surgical Closure Minimizes Scar Formation

PP10-W

Robert E. Michler, MD, FACS; Eric Espinal, MD; Michael F. McGrath, MD, FACS; Michael S. Firstenberg, MD; Patrick M. McCarthy, MD, FACS; Amit N. Patel, MD; Marc Penn. *Montefiore-Einstein Medical Center, New York, NY*

Septal Myectomy in Obstructive Hypertrophic Cardiomyopathy High-Risk Patients

PP1-W

Heather Geist; James K. Wu, MD; Matthew W. Martinez, MD. *Lehigh Valley Health Network, Allentown, PA*

Colon and Rectal Surgery

A Comparison of Outcomes of Emergent, Urgent, and Elective Surgical Treatments of Colonic Diverticulitis

PP92-T

Zhobin Moghadamyeghaneh, MD; Steven D. Mills, MD, FACS; Joseph C. Carmichael, MD, FACS; Alessio Pigazzi, MD, FACS; Michael J. Stamos, MD, FACS. *University of California, Irvine, Orange*

A Novel Prognostic Model for Early-Stage Colon Cancer Using Automated Quantitative Tumor Tissue Analysis

PP89-T

Hermann P. Kessler, MD, PhD; Feza H. Remzi, MD, FACS; Elena Manilich. *Cleveland Clinic, OH*

Analysis of 30-Day Mortality after Elective Colorectal Surgery

PP83-T

Alodia Gabre-Kidan, MD; Iyare Esemuede, MD; Steven A. Lee-Kong, MD; Daniel L. Feingold, MD; Pokala R. Kiran, MB, BS. *Columbia University, New York, NY*

Body Mass Index Affects Outcome in Patients Undergoing Partial Colectomy

PP105-T

Carlos Manuel A. San Mateo, MD; Raghunandan Venkat, MD, MPH. *University of Arizona Medical Center, Tucson*

Comparing Simultaneous vs. Staged Resection in Patients with Synchronous Colorectal Liver Metastases: Case-Match Study

PP81-T

Faisal Elagili, MD; Gokhan Ozuner, MD; Eren Berber, MD, FACS; Muhammet Akyuz, MD; Ahmet Cem Dural, MD. *Cleveland Clinic, OH*

Determinants of Poor Quality of Life in Patients with Double Incontinence PP78-T
Jessica N. Cohan, MD; Adriana Chou; Madhulika G. Varma, MD, FACS. *University of California, San Francisco*

Diagnosis of 'Tumor-Lynch' Syndrome: Implications for Clinical Management PP88-T
Matthew F. Kalady, MD, FACS; Brandie Leach; Sara E. Kravochuck, MSN; James M. Church, MD, FACS. *Cleveland Clinic, OH*

Does Antiplatelet Therapy Affect Long-Term Outcome of Patients Undergoing Surgery for Colorectal Cancer? Surgical Radicality vs. Perioperative Antiplatelet-Related Morbidity Risks PP107-T
Norihiro Shimoike, MD; Takahisa Fujikawa, MD, FACS; Yasunori Yoshimoto; Akira Tanaka. *Kokura Memorial Hospital, Kitakyusyu, Japan*

Downregulated miR-362-3p Expression: A Potential Biomarker of Colorectal Cancer Recurrence? PP74-T
Ahmet Z. Balta, MD; Alpaslan Tanoglu, MD; Ufuk Berber, MD; Yavuz Ozdemir, MD; Ilker Sucullu, MD; Mehmet L. Akin, MD. *GATA Haydarpasa Teaching Hospital, Istanbul, Turkey*

Early Discharge in 24 to 48 Hours following Colectomy—Safe and Effective for Selected Patients PP79-T
Benjamin P. Crawshaw, MD; Tamar Nobel; Knut M. Augestad, MD, PhD; Bradley J. Champagne, MD; Sharon L. Stein, MD, FACS; Harry L. Reynolds, MD; Conor P. Delaney, MB, BCh, PhD, FACS. *University Hospitals, Case Medical Center, Cleveland, OH*

Effects of a Diverting Stoma on Symptomatic Anastomotic Leakage after Low Anterior Resection for Rectal Cancer: A Propensity Score Matching Analysis of 1014 Consecutive Patients PP86-T
Masaaki Ito; Akio Shiomi; Kotaro Maeda, MD; Yusuke Kinugasa; Mitsuyoshi Ota; Hiroki Yamaue, MD; Manabu Shiozawa; Hisanaga Horie, MD, PhD; Norio Saito. *Kashiwa, Japan*

Endoscopic Pilonidal Sinus Treatment: A New Minimally Invasive Procedure PP91-T
Lorenzo Mori, MD; Piercarlo Meinero, MD. *Sestri Levante Hospital, Genoa, Italy*

Evaluation of the Outcome of Ligation of Intersphincteric Fistula Tract and Fistulectomy in Transsphincteric Anal Fistula PP73-T
Arshad Ahmad, MS; Abhinav A. Sonkar, MS, FACS, FRCS, FUECI; Suresh Kumar, MS; Ravi Kumar, MS. *King George's Medical University, Lucknow, India*

FTY720, a Sphingosine-1-Phosphate Receptor Modulator, as a Novel Targeted Therapy Against Colitis-Associated Cancer PP96-T
Masayuki Nagahashi, MD; Jie Liang; Akimitsu Yamada; Wei-Ching Huang, PhD; Yu Koyama, MD, PhD; Toshifumi Wakai, MD, PhD; Sheldon Milstien; Sarah Spiegel; Kazuaki Takabe, MD, PhD, FACS. *Virginia Commonwealth University, Richmond*

Hand-Assisted Laparoscopic Surgery vs. Total Laparoscopic Colorectal Resections: Does Age Matter? PP94-T
Mohammed Iyob Mohammed Ilyas, MB, BS; Hoong-Yin Chong, MD; Giovanna M. da Silva, MD, FACS; Eric A. Weiss, MD, FACS; Steven D. Wexner, MD, PhD, FACS, FRCS, FRCSEd. *Cleveland Clinic, Weston, FL*

Identification of Risk Factors for Postoperative Urinary Retention after Various Hemorrhoid-Related Procedures PP101-T
Laila Rashidi, MD; Aakash H. Gajjar, MD. *University Texas Medical Branch, Galveston*

Impact of Comorbidity on Anastomotic Leakage in a Nationwide Cohort of Colonic Cancer Patients PP90-T
Peter-Martin Krarup, MD; Andreas Nordholm-Carstensen, MD; Lars N. Jørgensen, MD, DMSc; Henrik Harling. *Bispebjerg Hospital, Copenhagen, Denmark*

Impact on Surgical Outcomes of Complete Neoadjuvant Treatment of Rectal Cancer PP106-T
Nishit Shah, MD; Matthew Vrees; Steven Schechter, MD, FACS, FASCRS; Leslie A. Roth, MD; Kimberly Perez, MD; Thomas DiPetrillo; Nicklas Oldenburg; Timothy Kinsella; Howard Safran; William M. Sikov, MD. *Brown University, Providence, RI*

Influence of Number of Kinship on Prognosis and Survival of Sporadic Colorectal Cancer in an Isolated Area PP100-T
Aida Rahy, PhD; José JL. González-Romero, MD; Vicente Medina-Arana, MD, PhD; Diana C. León-Ayllón, MD; María Desirée Rodríguez-Castellano, MD; Luciano J. Delgado-Plasencia, PhD, MD; Alberto F. Bravo-Gutiérrez, PhD, MD; Antonio M. Martínez-Riera. *Hospital Universitario de Canarias, Santa Cruz de Tenerife, Spain*

Initial Chemotherapy vs. Upfront Surgery for Stage IV Colon Cancer PP85-T
I. Emre Gorgun, MD, FACS; Ozgen Isik, MD; Luca Stocchi, MD, FACS; Matthew F. Kalady, MD, FACS. *Cleveland Clinic, OH*

Laparoscopic Prevention of Parastomal Hernia with Mesh in Definite Stomas after Abdominoperineal Resection: Texas Endosurgery Institute Experience PP102-T
Ricardo J. Rodriguez; Morris E. Franklin, Jr., MD, FACS; Miguel A. Hernandez, MD; Hugo Rangel, MD. *Texas Endosurgery Institute (TEI), San Antonio*

Laparoscopic Sigmoid Colectomy for 558 Consecutive Patients with Diverticular Disease PP76-T
Avinash S. Bhakta, MD; William Chang; Jonathan J. Canete, MD, FACS; A. David Chismark, MD; Brian T. Valerian, MD, FACS; Edward C. Lee, MD, FACS. *Albany Medical Center, NY*

Laparoscopic Ventral Rectopexy for Obstructed Defecation Syndrome PP97-T
Tomoyuki Ohta, MD; Akira Tsunoda; Yoshiyuki Kiyasu. *Kameda Medical Center, Kamogawa, Japan*

Long-Term Function, Quality of Life and Pouch Survival Rates after Ileal Pouch-Anal Anastomosis for Indeterminate Colitis

PP87-T

Katharine L. Jackson, MB, BS; Feza H. Remzi, MD, FACS; Ana Bennett; Xiaobo Liu, MS; Luca Stocchi, MD, FACS. *Cleveland Clinic Foundation, OH*

Nationwide Analysis of Outcomes of Bowel Preparation in Colorectal Surgery

PP93-T

Zhobin Moghadamyeghaneh, MD; Steven D. Mills, MD, FACS; Joseph C. Carmichael, MD, FACS; Alessio Pigazzi, MD, FACS; Michael J. Stamos, MD, FACS. *University of California, Irvine, Orange*

Neutrophil to Lymphocyte Ratio is a Novel Predictor for Postoperative Infectious Complication after Colorectal Cancer Surgery

PP95-T

Tomomi Mohri, MD, PhD; Toshio Kato, MD, PhD; Yoshiyuki Itoh, MD, PhD; Kenji K. Takeuchi, MD; Yasuhiko Mohri, MD, PhD. *Toyama Hospital, Tsu, Mie, Japan*

Octogenarians with Stage III Colorectal Cancer also Benefit from Adjuvant Chemotherapy

PP80-T

Leonardo Duraes, MD, PhD; Luca Stocchi, MD, FACS; David Dietz, MD; Matthew F. Kalady, MD, FACS; Hermann P. Kessler, MD, PhD; Feza H. Remzi, MD, FACS. *Cleveland Clinic Foundation, OH*

Outcomes of Endorectal Advancement Flap for Complex Anorectal Fistulae

PP98-T

Rose Pedersen, MD, MPH; Vikram Attaluri; Maher A. Abbas, MD, FACS. *Kaiser Permanente Los Angeles Medical Center, CA*

Postoperative Computerized Tomography after Laparoscopic Colorectal Surgery: What Does that Fluid Mean?

PP84-T

Dana M. Hayden, MD; Maria Mora-Pinzon, MD; Michael Dombrowski; Timothy J. Witalka; Daniel Neubauer; Michele I. Slogoff, MD, FACS; Joshua M. Eberhardt, MD, FACS; Theodore Saclarides, MD, FACS. *Loyola University Medical Center, Maywood, IL*

Review of Prognostic Factors in Clostridium Difficile Colitis

PP77-T

Aisha S. Chaudhry, MD; Joseph T. McGinn, MD; Scott Bloom, MD. *Staten Island University Hospital, New York, NY*

Risk Factors of Anastomotic Leak After Colectomy: A Nationwide Study

PP75-T

Cigdem Benlice, MD; I. Emre Gorgun, MD, FACS; Xiaobo Liu, MS; Tracy L. Hull, MD, FACS; Feza H. Remzi, MD, FACS. *Cleveland Clinic, OH*

Superficial Surgical Site Infections as a Quality Metric after Colorectal Surgery: Time to Separate Out the Inevitable from the Preventable?

PP82-T

Iyare Esemuede, MD; Steven A. Lee-Kong, MD; Daniel L. Feingold, MD; P. R. Kiran, MB, BS. *Columbia Presbyterian Medical Center, New York, NY*

The Current Status and Clinical and Financial Outcomes of Urgent and Emergent Laparoscopic Colectomy: Results from a Large Population-Based Study

PP99-T

Rodrigo Pedraza, MD; Reena N. Tahirramani, MD; Jean Paul LeFave, MD; Ali Mahmood; Eric M. Haas, MD, FACS, FASCRS. *University of Texas Medical School, Houston*

Towards Standardizing the Rectal Cancer Surgery Consent Process: The Evaluation of the Rectal Cancer Decision Aid

PP108-T

Robert Wu, MD; Dawn Stacey, RN, PhD; Beth Potter; Robin P. Boushey, MD, PhD, CIP, FRCSC. *Ottawa Hospital, Ottawa, ON*

Tumor Size Predicts Long-Term Survival in Colon Cancer: An Analysis of the National Cancer Database

PP104-T

Sukamal Saha, MD, FACS; Mohammed Shaik, MD; Lindsay Berbiglia, DO; Supriya K. Saha, MD; Gregory Johnston, DO; Vikrom Dhar, MS; Trevor Singh, MD; Madan Arora, MD; David Wiese, MD. *McLaren Medical Center, Flint, MI*

Endocrine Surgery

Clinical Characteristics of Lymph Node

Metastases in Papillary Thyroid Carcinoma

PP124-T

Diana Caragacianu, MD; Michael N. Pakdaman, MD; Dipti Kamani, MD; Gregory W. Randolph, MD, FACS. *Massachusetts Eye and Ear Infirmary, Boston*

Efficacy and Surgical Outcomes of LigaSure Small Jaw vs. Harmonic Focus Scalpel in Thyroid and Parathyroid Surgery

PP125-T

Ahmed Deniwar, MD; Salah Eldin Mohamed, MD; AbdulRahman Y. Hammad, MD; Zaid Al-Qurayshi, MB, BCh, MPH; Rizwan Aslam, DO, MS, FACS; Emad Kandil, MB, BCh, FACS. *Tulane University, New Orleans, LA*

Electrophysiologic Identification and Monitoring of the External Branch of Superior Laryngeal Nerve during Thyroidectomy

PP129-T

Salah Eldin Mohamed, MD; Mohammed H. Alshehri, MD; Rizwan Aslam, DO, MS, FACS; Zaid Al-Qurayshi, MB, BCh, MPH; Emad Kandil, MB, BCh, FACS. *Tulane University, New Orleans, LA*

Parathyroid Gland Volume vs. Pre-Operative Biochemical Values as Predictors of Disease Process in Primary Hyperparathyroidism

PP130-T

Rosebel Monteiro, MD; Allan Siperstein, MD; Jeffrey Mino, MD. *Cleveland Clinic, Cleveland, OH*

Pheochromocytomas: A Contemporary, Single Center Experience Over a Decade

PP132-T

Ruchir Puri, MB, BS; John A. Stauffer, MD, FACS; Mauricia Buchanan, RN; Steven P. Bowers, MD, FACS; Horacio J. Asbun, MD, FACS. *Mayo Clinic, Jacksonville, FL*

Risk Factors for Survival from Neuroendocrine Neoplasia with Unknown Primary Tumor Site PP123-T
Nehara Begum, MD; Ulrich F. Wellner, MD; Christoph Thorns; Martin Hoffmann; Conny G. Bürk, MD; Tobias Keck, MD, FACS. *University Hospital Schleswig-Holstein, Lübeck, Germany*

Should Small Thyroid Cancer Be Observed? A Population-Based Study of Non-Medullary Thyroid Cancer-Related Mortality PP131-T
Naris Nilubol, MD, FACS; Electron Kebebew, MD, FACS. *The National Cancer Institute, Bethesda, MD*

The Significance of Enlarged Cervical Lymph Nodes in Diagnosing Thyroid Cancer PP128-T
Salah Eldin Mohamed, MD; Mohammed H. Alshehri, MD; Amna N. Khan, MD; Zaid Al-Qurayshi, MB, ChB, MPH; Emad Kandil, MB, BCh, FACS. *Tulane University, New Orleans, LA*

The Use of Intraoperative Parathyroid Hormone (PTH)-measurement in the Prediction of Postoperative Hypocalcemia for Thyroid Surgery: A Meta-Analysis PP127-T
Helmi Khadra, MD; Hassan Ahmad; Tian Hu, MD, MS; Emad Kandil, MB, BCh, FACS. *Tulane University, New Orleans, LA*

Vascular Flow a Predictor of Malignant Thyroid Nodules: A Meta-Analysis PP126-T
Helmi Khadra, MD; Mohamed Bakeer; Tian Hu, MD, MS; Emad Kandil, MB, BCh, FACS. *Tulane University, New Orleans, LA*

General Surgery

A Prospective Randomized-Controlled Study Comparing the Olongapo Incision with the Rockey-Davis Incision for Open Appendectomy PP70-M
Voltaire A. Carandang, Sr., MD. *James L. Gordon Memorial Hospital, Olongapo City, Philippines*

Can We Diminish Chronic Pain Changing the Mesh? PP83-M
Mike Ralf Langenbach; Stefan Sauerland, MD, MPH. *University of Witten/Herdecke, Germany*

Comparative Study of Intraperitoneal Prophylactic Agents in Preventing Postoperative Adhesions PP73-M
José M. Correa, MD, FACS; Alejandro Gidi, MD; Francisco V. Velez, MD; Ricardo H. Blanco, MD; Eduardo Villegas, MD; Mario A. González Chávez, MD; Carlos L. Caballero, MD; Ramon R. Lemus, MD. *Medica Sur, México*

Comparison of the Effects of Local Infiltration of Tramadol on Incision Site vs. Intravenous Administration of Tramadol on the Postoperative Pain and Incidence of its Side Effects Among Adult Patients Following Elective Surgery in 2013: A Multicenter Experience PP87-M

Ma. Olivia B. Miranda, MD; Nilo C. de Los Santos, MD; Alberto P. Paulino, Jr., MD, FPCS, FPSGS, FACS; Daryl Y. Zorilla, MD. *De Los Santos Medical Center, Quezon City, Philippines*

Completion of Research Training during Residency Is Associated with American Board of Surgery Examination Performance PP79-M
Andrew Jones, PhD; Whitney Smiley, MA; Thomas W. Biester; Mark A. Malangoni, MD, FACS. *American Board of Surgery, Philadelphia, PA*

Day vs. Night: Time of Day Is Associated with Clinical Management and Outcomes in Appendicitis PP71-M
Frederick T. Drake, MD, MPH; Neli E. Mottey; Anthony A. Castelli; Michael G. Florence, MD, FACS; Morris G. Johnson, MD, FACS; Scott R. Steele, MD, FACS; Richard C. Thirlby, MD, FACS; David R. Flum, MD, MPH. *University of Washington Medical Center, Seattle*

Delayed Repair of Obstructing Ventral Hernias Is Associated with Higher Mortality and Morbidity PP96-M
Konstantinos Spaniolas, MD; John R. Pender, MD, FACS; Mark Manwaring, MD, FACS; William H. Chapman, MD, FACS; Walter E. Pofahl II, MD, FACS. *East Carolina University, Greenville, NC*

Design of a Light-Controlled Reverse Phase Transition Hydrogel for Use in Vascular Anastomosis PP69-M
Gabriel Brat, MD, MPH; Daniel J. Smith, PhD; Dedi Tong, MD; Yong Huang, PhD; Johanna Grahammer; Katelyn Nagy; Gerald Brandacher, MD; Joel P. Schneider, PhD. *Johns Hopkins University, Baltimore, MD*

Distribution and Prognostic Significance of Molecular Subtypes of Breast Cancer Patients in Three Institutions: A Retrospective Analysis PP82-M
Charlanne B. Labanda, MD; Amanda L. Mora, MD; Ray B. Malilay, MD, FACS, FPCS, FPSGS. *Pasig City General Hospital-Mary Chiles General Hospital, Pasig City, Philippines*

Educating Surgeons Allows for Reduced Intraoperative Costs for Inguinal Herniorrhaphy PP100-M
Yalini Vigneswaran, MD; Joseph Muldoon, MD; Matthew E. Gitelis; Michael B. Ujiki, MD, FACS; Woody Denham, MD; Mark S. Talamonti, MD, FACS; John G. Linn, MD. *NorthShore University HealthSystem, Evanston, IL*

Efficacy of a Laparoscopically Delivered Transversus Abdominis Plane Block Technique during Elective Laparoscopic Cholecystectomy: A Prospective Double-Blind Randomized Trial PP72-M
Ghassan Elamin, MB, BS, MRCSI, MRCSed; Hytham Hamid; Peadar S. Waters, MB, BCh, BAO, MRCSI, MchEduc, MD; Hannah M. O'Keefe, BM, BS, BSc; Mechelle Duggan, MB, MD; Waqar Khan, MB, BS, FRCSI; Ronan Waldron, MB, FRCSI, MCh; Kevin Barry, MB, FRCSI, MD, FACS; Iqbal Z. Khan, MB, BS. *Mayo General Hospital, Castlebar, Republic of Ireland*

Endoscopic Closure of Full-Thickness Gastrointestinal Tract Defects with Over-the-Scope Clipping PP80-M
Ryan M. Juza, MD; Eric M. Pauli, MD; Sean B. Orenstein, MD; Jeffrey M. Marks, MD, FACS. *Penn State Milton S. Hershey Medical Center, Hershey, PA*

Endoscopic Vacuum Therapy (EVT) for Defects of the Upper Gastrointestinal Tract PP84-M
Mike G. Laukoetter, MD; Norbert Senninger, MD, FACS; Mario Colombo-Benkmann, MD, FACS; Rudolf Mennigen, MD. *University of Muenster, Germany*

Inguinal Hernia Repair Using 3-D Printed Surgical Instruments in the Cadaveric Model PP85-M
Joseph D. Love, DO, FACS; Mitchell J. George; Kevin Aroom; Brijesh Gill, MD, FACS. *University of Texas Health Science Center at Houston*

Laparoscopic Approach in Emergency Surgery: Which Are the (Our) New "Evidence" PP68-M
Ferdinando Agresta, MD; Natalino Bedin, MD. *Rome, Italy*

Laparoscopic Peritoneal Dialysis Catheter Placement: Four Years Experience with 100 Patients PP76-M
Adam T. Hauch, MD, MBA; Anil Paramesh, MD, FACS. *Tulane University, New Orleans, LA*

Management of 1–2 Centimeter Carcinoid Tumors of the Appendix: Using the National Cancer Database to Resolve Controversies in General Surgery PP89-M
Daniel P. Nussbaum, MD; Paul J. Speicher, MD; Brian C. Gulack, MD; Asvin Ganapathi, MD; Brian R. Englum, MD; Douglas S. Tyler, MD; Dan G. Blazer III. *Duke University, Durham, NC*

Microcytic Adnexal Carcinoma: A Population-Based Outcomes Study Involving 494 Patients from the Surveillance Epidemiology and End Result Database (1973–2010) PP86-M
Krishnaraj Mahendraraj, MD; Jaswinder Sond, MB, BS; Ronald S. Chamberlain, MD, MPA, FACS. *Saint Barnabas Medical Center, Livingston, NJ*

Mortality following Emergency Gastrointestinal Surgery in the Quebec Elderly PP75-M
Fadi Hamadani, BSCHONS; Simon Bergman, MD, FACS; Julie Vaillancourt, MSc; John S. Sampalis, PhD, FRCSC. *Jewish General Hospital, Montreal, Quebec*

National Trend in Common Bile Duct Injury during Cholecystectomy: An NIS Database Analysis PP67-M
John N. Afthinos, MD; Gurdeep S. Matharoo, MD; Karen E. Gibbs, MD. *Staten Island University Hospital, Staten Island, NY*

No Pain, Lots of Gain: A Method to Reduce Opioid Adverse Events in Your Hospital PP93-M
Jay A. Redan, MD, FACS; Sandra Reeder; Tina Wells, RN. *Florida Hospital-Celebration Health, Celebration*

Nonoperative Management of Mild Appendicitis: Is It Time for Full Informed Patient Consent to Also Include the Option of Nonoperative Therapy? PP77-M
Mark C. Horattas, MD, FACS; Elya Horattas, MD. *Akron General Medical Center, OH*

Obstructing Ventral Hernias Are Not Independently Associated with Surgical Site Infections PP95-M
Megan Sippey, MD; Mark Manwaring, MD, FACS; John R. Pender IV, MD, FACS; William H. Chapman, MD, FACS; Walter E. Pofahl II, MD, FACS; Gina L. Adrales, MD, MPh; Konstantinos Spaniolas, MD. *East Carolina University, Greenville, NC*

Perioperative Rates of Deep Vein Thrombosis and Pulmonary Embolism in Normal Weight vs. Obese and Morbidly Obese Surgical Patients in the Era Post Venous Thromboembolism Prophylaxis Guidelines PP107-M
Lily Wang; Aurora D. Pryor, MD, FACS; Jamie Lee Romeiser; Maria Altieri, MD; Mark A. Talamini, MD, FACS; Dana A. Telem, MD. *State University New York, Stony Brook*

Plasma microRNA Profiles: Identification of miR-25 as a Novel Diagnostic and Monitoring Biomarker in Esophageal Squamous Cell Carcinoma PP91-M
Wataru Okajima; Shuhei Komatsu, MD, PhD; Daisuke Ichikawa, MD; Shoji Hirajima; Hiroki Takeshita; Hiro-taka Konishi, MD; Atsushi Shiozaki, MD, PhD; Hitoshi Fujiwara, MD; Kazuma Okamoto, MD; Eigo Otsuji. *Kyoto Prefectural University of Medicine, Kyoto, Japan*

Poor Outcomes following Emergent Surgery for Bowel Obstruction in Patients with Disseminated Malignancy PP74-M
Brian C. Gulack, MD; Paul J. Speicher, MD; Brian R. Englum, MD; Daniel P. Nussbaum, MD; Asvin Ganapathi, MD; John E. Scarborough, MD; Dan G. Blazer, MD. *Duke University, Durham, NC*

Poor Prognostic Subgroup in pT3N0 Stage IIA Gastric Cancer, Suggesting an Indication for Adjuvant Chemotherapy PP78-M
Taisuke Imamura; Shuhei Komatsu, MD, PhD; Daisuke Ichikawa, MD; Takeshi Kubota, MD, PhD; Kazuma Okamoto, MD; Hirotaka Konishi, MD; Atsushi Shiozaki, MD, PhD; Hitoshi Fujiwara, MD; Eigo Otsuji. *Kyoto Prefectural University of Medicine, Kyoto, Japan*

Postoperative Seromas: Are They Preventable with Dead Space Obliteration? PP88-M
Terry Nickerson, MD; Jonathon Aho, MD; Michel Saint-Cyr, MD; David R. Farley, MD, FACS. *Mayo Clinic, Rochester, MN*

Quality of Life One Year Following Laparoscopic Inguinal Hernia Repair PP94-M
John S. Roth, MD, FACS; Curtis E. Bower, MD, FACS; John E. Wennergren, MD; Daniel L. Davenport, PhD. *University of Kentucky, Lexington*

Recurrence Rates in Laparoscopic Ventral Hernia Repair Patients: Closure vs. Non-Closure of the Hernia Defect

PP99-M

Francis J. DeAsis; Matthew E. Gitelis; Brittany Lapin, MPH; Woody Denham, MD, FACS; Stephen P. Hagerty, MD, FACS; John G. Linn, MD; Joann M. Carbray; Michael B. Ujiki, MD, FACS. *NorthShore University HealthSystem, Evanston, IL*

Robotic Radical Gastrectomy for Gastric Adenocarcinoma: Short-term Outcomes and Potential Advantages in Comparison with Conventional Laparoscopic Approach

PP98-M

Koichi Suda, MD, PhD; Yoshinori Ishida; Seiji Satoh, MD, FACS; Ichiro Uyama, MD, PhD. *Fujita Health University, Toyooka, Japan*

Telesurgery in Iraqi Kurdistan: Beyond Laparoscopic Procedures

PP106-M

Becky Wai; Milton Chen; Marc Dean; John P. Thomas, MD. *American Kurdish Medical Group, Houston, TX*

The Impact of Non-Alcoholic Fatty Liver Disease on Perioperative Mortality and Specific Morbidity Utilizing the ACS NSQIP®

PP92-M

Joseph B. Oliver, MD; Advait Bongu, MD; Kimberly B. Nester, RN, MSN; George Dikdan, PhD; Abdel-Kareem Beidas; Urvashi Pandit, MPH, MBS; Babuaro Koneru, MD; Lloyd Brown, MD, MS. *Rutgers University, Newark, NJ*

The Reduction of Peripheral Blood CD4+ T Cell Indicates Persistent Organ Failure in Accelerated Phase Patients

PP108-M

Yushun Zhang, PhD; Chong Yang, MD; Shanmiao Gou, MD, PhD; Chunyou Wang, MD; Bo Wang. *Pancreatic Disease Institute, Wuhan, China*

The Relationship Between Grip Force of Surgeons and Operation Force of Two Mechanical Circular Staplers Under Different Grip Widths

PP81-M

Emiko Kono, MD; Mitsunori Tada, MD; Makiko Kouchi; Yui Endo; Yasuko Tomizawa, MD. *Osaka Kosei-Nenkin Hospital, Osaka, Japan*

To Resect or Not to Resect: Risk Factors for Bowel Resection in Mesenteric Ischemia

PP97-M

Stephen M. Stanek, MD; Ilene Staff, PhD; Jasmine Patel; Manish Tandon, MD; Karyn Butler, MD, FACS. *Hartford Hospital, CT*

Use of Ergonomic Analysis to Optimize Lower Cost Training Platforms for the Fundamentals of Laparoscopic Surgery

PP90-M

Mary Teresa O'Donnell, MD. *Walter Reed National Military Medical Center, Bethesda, MD*

Geriatric

Not All Do-Not-Resuscitate (DNR) Orders Are the Same: Outcomes of 4,738 Elderly Surgical Patients Who Instituted a DNR Order at Hospital Admission

PP19-T

Hadiza S. Kazaure, MD; Sanziana A. Roman, MD, FACS; Julie Ann A. Sosa, MD, FACS. *Stanford University, Palo Alto, CA*

Proactive Delirium Management in Geriatric Surgical Patients May Increase Ability to Return Patients Home from the Hospital

PP20-T

John J. Tackett, MD; Ronnie A. Rosenthal, MD, FACS. *VA Connecticut Healthcare System, West Haven, CT*

Liver/Biliary Tract/Pancreas

Adenosquamous Carcinoma of the Pancreas: A Population-Based Clinical Outcomes Study Involving 700 Patients from the Surveillance Epidemiology and End Result (SEER) Database (1973–2010)

PP52-T

Krishnaraj Mahendraraj, MD; Joseph A. Di Como, MD; Ronald S. Chamberlain, MD, MPA, FACS. *Saint Barnabas Medical Center, Livingston, NJ*

Analysis of Sox9 Expression in Multi-Step Carcinogenesis and Its Oncogenic Roles in Intrahepatic Cholangiocarcinoma

PP53-T

Hajime Matsushima, MD; Tamotsu Kuroki, MD; Amane Kitasato, MD, PhD; Tomohiko Adachi; Masataka Hirabaru, MD; Fumihiko Fujita, MD, FACS; Kengo Kanetaka, MD, PhD, FACS; Mitsuhsa Takatsuki, MD, PhD, FACS; Naoe Kinoshita; Susumu Eguchi, MD, FACS. *Nagasaki University, Nagasaki, Japan*

Chemotherapy-Induced Splenic Volume Increase Is Associated with Major Complications after Hepatic Resection for Metastatic Colorectal Cancer

PP62-T

Amber L. Simpson, PhD; Julie N. Leal, MD, FRCS; Amudhan Pugalanthi, MD; Peter J. Allen, MD, FACS; Ronald P. DeMatteo, MD, FACS; Yuman Fong, MD, FACS; William R. Jarnagin, MD, FACS; Peter Kingham, MD, FACS; Michael I. D'Angelica, MD, FACS; Martin R. Wei. *Memorial Sloan Kettering Cancer Center, New York, NY*

Combining Two-Staged Liver Resection with Selective Internal Radiotherapy

PP46-T

Christoph Justinger, MD; Constantinos Kouladourous; Daniel Gaertner, MD; Peter Reimer, MD; Klaus Tatsch, MD; Michael R. Schoen, MD, PhD. *Städtisches Klinikum Karlsruhe, Karlsruhe, Germany*

Divergent Effects of Necroptosis Blockade in Acute Liver Injury

PP43-T

Michael Deutsch, MD; Christopher Graffeo; Stephanie Greco, MD; Lena Tomkoetter, MD; Constantinos P. Zambirinis, MD; Elliot Levie; Sarah Rokosh; George Miller, MD, FACS. *New York University Langone Medical Center, New York*

Does Amount of Liver Regeneration after Liver Resection for Colorectal Metastases Correlate with Recurrence Rate? (A Study of Liver Volumetric) PP54-T

Nouran Molla, MB, BS; Mazen M. Hassanain, MB, BS, FACS; Louis-Martin Boucher, MD, PhD; Zahir Fadel, MD; Ahmad Madkhali; Rahaf Altahan, MD; Eman Alri-jraji; Eve Simoneau, MD; Peter Metrakos, MD, FACS, FRCSC. *McGill University, Montreal, Quebec*

Effects of Pancrelipase on Hepatic Steatosis after Pancreaticoduodenectomy PP56-T

Takeshi Natori; Yoshiaki Katada. *Dokkyo Medical University Koshigaya Hospital, Saitama, Japan*

Impact of Fast-Track Implementation on an Established Pancreatic Surgical Practice PP63-T

Alessandro Coppola, MD; John A. Stauffer, MD, FACS; Maria Fernanda Haberle Orrego, MD; Nicolas Paleari, MD; Horacio J. Asbun, MD, FACS. *Mayo Clinic Florida, Jacksonville*

Impact of Race and Socioeconomic Status on Survival Following the Surgical Treatment of Early Stage Hepatocellular Carcinoma (HCC)—A Retrospective Analysis from the National Cancer Database PP61-T

Ramanathan Seshadri, MD; Ryan Z. Swan, MD; John B. Martinie, MD, FACS; Mark W. Russo, MD; David A. Iannitti, MD, FACS. *Carolinas Medical Center, Charlotte, NC*

Impact of Sarcopenia on the Outcome after Hepatectomy for Non-Hepatitis B Virus Non-Hepatitis C Virus Hepatocellular Carcinoma PP69-T

Shigeki Wakiyama, MD, PhD; Koichiro Haruki, MD, PhD; Junichi Shimada; Norimitsu Okui; Kyohei Abe; Hiroaki Shiba; Yasuro Futagawa; Yoichi Toyama, MD, PhD; Yuichi Y. Ishida, MD; Katsuhiko Yanaga, MD, PhD, FACS. *Jikei University, Tokyo, Japan*

Inhibition of miR-200c in Pancreatic Ductal Adenocarcinoma Cells Enhances Cadherin-1 Expression and Reduces Cell Migration PP64-T

Miriam Stölting, MD; Marlene Starke; Jan Schwarze; Jörg Haier; Norbert Senninger, MD, FACS; Soeren T. Mees, MD. *University Hospital Muenster, Germany*

Intraoperative Diagnosis of Hepatic Tumors Located in the Liver Surface and Hepatic Segmental Visualization Using Indocyanine Green-Photodynamic Eye Imaging PP55-T

Atsushi Nanashima, MD. *Nagasaki University Hospital, Japan*

Is Antithrombotic Therapy Associated with Bleeding or Thromboembolic Complications in Patients Undergoing Surgery for Hepatobiliary and Pancreatic Malignancy? PP44-T

Takahisa Fujikawa, MD, FACS; Seiichiro Tada; Yasunori Yoshimoto; Tomohiro Noda; Keita Fukuyama; Akira Tanaka. *Kokura Memorial Hospital, Fukuoka, Japan*

Laparoscopic Pancreaticoduodenectomy for Adenocarcinoma of the Distal Bile Duct and Ampulla: A Case-Matched Comparison PP50-T

Tamotsu Kuroki, MD; Amane Kitasato, MD, PhD; Tomohiko Adachi, MD, PhD; Masataka Hirabaru, MD; Hajime Matsushima, MD; Akihiko Soyama, MD, FACS; Masaaki Hidaka, MD, PhD; Kengo Kanetaka, MD, PhD, FACS; Susumu Eguchi, MD, FACS; Mitsuhisa Takatsuki, MD, PhD, FACS. *Nagasaki University, Japan*

Leukocytosis after Distal Pancreatectomy with Splenectomy: When Should We Be Concerned? PP51-T

Neha L. Lad; Sebastian Perez, MSPH; Malcolm H. Squires III, MD; Rachel L. Medbery; Kenneth Cardona, MD; Maria C. Russell, MD; Charles A. Staley III; John F. Sweeney; Shishir Maithel, MD, FACS; David A. Kooby, MD, FACS. *Emory University, Atlanta, GA*

Liver Transplant for Budd Chiari: Outcome and Prognostic Factors: The UCLA Experience PP41-T

Ali Cheaito; Henry G. Cryer, MD. *University of California, Los Angeles*

Neutrophil-Lymphocyte Ratio: A Simple and Novel Biomarker for Prediction of Survival after Radioembolization for Hepatic Malignancies PP66-T

Samer Tohme, MD; Daniel Sukato; Albert Zajko, MD; Nikhil Amesur, MD; Wallace Marsh, MD; David A. Geller, MD, FACS; Allan Tsung, MD, FACS. *University of Pittsburgh, PA*

New Strategy for Suspected T2 Gallbladder Carcinoma by Laparoscopic Approach and Its Comparison with the Conventional Open Approach PP45-T

Osamu Itano, MD, PhD; Masahiro Shinoda; Minoru Kitago, MD, PhD; Yuta Abe, MD, PhD; Taizo Hibi, MD, PhD; Satoshi Aiko, MD, PhD; Hiroshi Yagi, MD, PhD; Yuko Kitagawa, MD, FACS. *Keio University, Tokyo, Japan*

New Therapeutic Options for Hepatocellular Carcinoma: What Is the Role of Glut-1? PP67-T

Ana F. Brito; Ana M. Abrantes, PhD; Mafalda Laranja; Ana C. Gonçalves; Ana Bela Sarmiento, MD, PhD; Jose Tralhao; Maria Filomena Botelho, MD, PhD; Francisco Castro-Sousa, MD, PhD, FACS. *University of Coimbra, Portugal*

Outcomes after Pancreatectomy with Surgical Resident Involvement: An ACS NSQIP® Analysis PP40-T

Alex R. Cardenas, MD; Raghunandan Venkat, MD, MPH; Marlon A. Guerrero, MD, FACS. *University of Arizona, Tucson*

Pancreatic Resection for Malignancy—Do Patients Over 70 Benefit? PP39-T

Cristina N. Budde, MD; Lisa S. Merriman; Yiyi Chen, PhD; Brett C. Sheppard, MD, FACS; Erin W. Gilbert, MD. *Oregon Health and Science University, Portland*

Pathological Subtype and Factors Predicting Survival in Patients with Ampullary Adenocarcinoma PP57-T
Keiichi Okano; Minoru Oshima; Naoki Yamamoto; Ysuyuki Suzuki, MD, PhD. *Kagawa University, Kagawa, Japan*

Portal Hypertension over the Last 25 Years: Where Has It Gone? PP59-T
Alexander S. Rosemurgy II, MD, FACS; Thejal Sriku-mar, AB; Peeraya Sawangkum; Thomas W. Wood, MD; Carrie E. Ryan; Paul Toomey, MD; Kenneth Luberic; Prashant B. Sukharamwala, MB, BS; Sharona B. Ross, MD, FACS. *Florida Hospital Tampa*

Portal/Superior Mesenteric Vein Resection during Pancreatic Surgery: Evolution of Technique and Lessons Learned PP70-T
Russell Wesson, MD; Jiahua Leng; Richard D. Schulick, MD, MBA, FACS; Matthew J. Weiss, MD; Christopher L. Wolfgang, MD, FACS; Nita Ahuja, MD, FACS; Timothy M. Pawlik, MD, FACS; Kenzo Hirose, MD, FACS; John L. Cameron, MD, FACS; Andrew M. Cameron, MD, FACS. *Johns Hopkins Hospital, Baltimore, MD*

Predicting Pancreatic Cyst Histology by Identification of Cyst Fluid Glycoproteins Using Gel Electrophoresis and Mass Spectrometry PP65-T
John M. Streitz, Jr., MD, FACS; Michael T. Madden; Wilmar Salo, PhD. *University of Minnesota, Duluth*

Predictive Factors for Liver Failure after Hepatectomy in Patients with Hepatocellular Carcinoma PP68-T
Jose Tralhao, MD, PhD; Ricardo Martins, MD; Cesar Carvalho, MD; Marco Serôdeo, MD; Beatriz Costa, MD; Monica Martins, MD; Henrique Alexandrino; Francisco Castro-Sousa, MD, PhD, FACS. *Coimbra University Hospital Center, Portugal*

Preoperative Tattooing for Precise and Expedient Localization of Landmark in Laparoscopic Liver Resection PP37-T
Takeshi Aoki, MD, PhD; Masahiko Murakami, MD; Akira Fujimori; Tomotake Koizumi; Tomokazu Kusano; Kazuhiro Matsuda; Koji Nogaki; Makoto Watanabe, MD; Takashi Kato; Koji Otsuka, MD, PhD. *Showa University, Tokyo, Japan*

Proteomic Analysis of Differentially Expressed Proteins in Serum of Pancreatic Ductal Adenocarcinoma PP42-T
Jiong Chen, MD; Long-Jiang Chen; Xiao-Lei Ma; Wen Wu; Yue Zhao. *Anhui Provincial Hospital (affiliated with Anhui Medical University, Hefei, China)*

Quality of Life after Pancreaticoduodenectomy with Pancreaticogastrostomy: Patient Perspectives over Time PP58-T
Jennifer K. Plichta, MD; Alexandra Ellingson; Eileen B. O'Halloran, MD; Sam Pappas, MD; Gerard J. Abood, MD; Gerard V. Aranha, MD, FACS, FRCSC. *Loyola University Medical Center, Maywood, IL*

Role of Serum Myeloperoxidase in Patients of Acute Pancreatitis: A Sole Prognostic Marker PP49-T
Sunder Kumar, MB, BS, FACS; Devendra Singh, MB, BS, FACS; Anit Parihaar; Wahid Ali; Gursagar Singh Sahota. *King George's Medical University, Lucknow, India*

Significance of Preoperative Radiographic Pancreatic Density in Predicting Pancreatic Fistula after Surgery for Pancreatic Neuroendocrine Tumors PP38-T
Yasmine Assadipour, MD; Saïd C. Azoury, MD; Nicholas N. Schaub; Young Hong; Robert Eil; Suzanne M. Inchauste; Seth M. Steinberg; Aradhana M. Venkatesan; Marybeth S. Hughes, MD; Steven K. Libutti, MD, FACS. *National Institutes of Health, Bethesda, MD*

Stapled vs. Hand-Sewn Anastomosis of Duodenojejunostomy in Pylorus-Preserving Pancreaticoduodenectomy: A Randomized Controlled Trial PP60-T
Yoshihiro Sakamoto, MD, PhD; Shutaro Hori; Junichi J. Arita, MD, PhD; Yoji Kishi, MD, PhD; Satoshi Nara, MD; Minoru Esaki; Akio Saiura; Kazuaki Shimada; Takeharu Yamanaka; Tomoo Kosuge. *National Cancer Center Hospital, Tokyo, Japan*

Symptomatic Perihepatic Collections after Hepatic Resection in the Modern Era PP48-T
Ioannis Konstantinidis, MD; Constantinos Sofocleous; Peter J. Allen, MD, FACS; T. Peter Kingham, MD; Ronald P. DeMatteo, MD, FACS; Yuman Fong, MD; William R. Jarnagin, MD, FACS; Michael I. D'Angelica, MD, FACS. *Memorial Sloan-Kettering Cancer Center, New York, NY*

The Impact of Perioperative Chemotherapy on Tumor Recurrence after Resection of Colorectal Liver Metastasis PP47-T
Satoshi Kaihara, MD, PhD; Kazuyuki Okada, MD; Takehito Yamamoto, MD; Siyuan Yao, MD; Kenta Inoguchi, MD; Akira Miki, MD; Masato Kondo, MD; Hiroki Hashida, MD, PhD; Shintaro Yagi, MD; Ryo Hosotani, MD, PhD. *Kobe Medical Center General Hospital, Japan*

Validation of the Algorithms for Resection for Hepatocellular Carcinoma in Japan: Barcelona Clinic Liver Cancer (BCLC) vs. Clinical Practice Guideline in Japan PP72-T
Shintaro Yagi, MD; Satoshi Kaihara, MD, PhD; Uryuhara Kenji, MD, PhD; Hiroki Hashida, MD, PhD; Masato Kondo, MD; Hiroyuki Kobayashi, MD, PhD; Siyuan Yao, MD; Kazuyuki Okada, MD; Takehito Yamamoto, MD; Ryo Hosotani, MD, PhD. *Kobe City Medical Center General Hospital, Japan*

Miscellaneous

Assessing the Influence of Operative Technique, Mesh Type, and Contamination on Hernia Recurrence in Biologic Mesh Ventral Hernia Repairs: A Systematic Head-to-Head Meta-Analysis PP14-W
John P. Fischer, MD; Marten N. Basta; Stephen J. Kovach, MD. *University of Pennsylvania, Philadelphia*

Generation of Induced Cancer Stem Cells from Human Colon Cancer Cells by Somatic Cell Reprogramming Factors PP23-W
Nobu Oshima, MD; Yoshiharu Sakai, MD, FACS; Takashi Aoi. *Kyoto University, Japan*

Nitric Oxide Species Evaluated by Bilirubin Oxidation after Myocardial Ischemia Reperfusion PP24-W
Masaki Yamamoto, MD; Kazumasa Orihashi, MD; Hideaki Nishimori; Nobuo Kondo; Takemi Handa; Takashi Fukutomi. *Kochi Medical School, Nankoku, Japan*

Outcomes of Transscleral Fixation of Intraocular Lens in Absence of Partial or Complete Capsular Support PP13-W
Jesus A. Acosta-Leyva, MD; Ana Beatriz Medina-Perez, MD; Claudia Palacio, MD; Laura L. Arroyo, MD; Oscar Guerrero-Berger, MD; Jaime Lozano-Alcazar, MD; Carolina Orea, MD. *Fundación Hospital Nuestra Señora de la Luz IAP, Mexico City, Mexico*

Neurosurgery

Densitometric Comparison of Three Occipital Regions for Suitability of Fixation PP1-M
Chandan Das, MD; Anna S. Newcomb; Daniel Gaudin, MD, PhD; Neil R. Crawford, PhD. *Barrow Neurological Institute, Phoenix, AZ*

The Emerging Role of Intra-Arterial Chemotherapy in the Management of Retinoblastoma: Safety, Efficacy, and Technical Aspects PP12-M
Pascal M. Jabbour, MD; Nohra Chalouhi, MD; Stavropoulia Tjoumakaris, MD; Robert Rosenwasser. *Thomas Jefferson University, Philadelphia, PA*

Obstetrics and Gynecology

Posttreatment Surveillance for Ovarian Carcinoma Patients: The Effect of Health Maintenance Organization Penetration Rate PP68-W
Varun Singla; Robert J. Avino; Randall K. Gibb, MD; David G. Mutch, MD; Feng Gao, PhD; Katherine S. Virgo, PhD; Frank R. Johnson, MD, FACS. *St. Louis University, MO*

Preoperative Prediction of Complete and Suboptimal Cytoreduction in Advanced Stage Ovarian Cancer PP67-W
Jo Marie T. Janco, MD; Gretchen E. Glaser, MD; Bohyun Kim, MD, PhD; Michaela E. McGree; Amy L. Weaver; William A. Cliby, MD, FACS; Sean C. Dowdy, MD, FACS; Jamie N. Bakkum-Gamez, MD. *Mayo Clinic, Rochester, MN*

Orthopaedic Surgery

Attitudes of Nigerian Orthopaedic Surgeons to Patients with Internet-Sourced Information PP17-T
Kehinda S. Oluwadiya, MB, BS; Oluwadare Esan, MB, ChB, FWACS; Sunday O. Popoola, MB, BS, FMCS, FICS. *Ekiti State University Teaching Hospital, Ado-Ekiti, Nigeria*

Free Flap for Limb Salvage following Oncologic Resection: 12-Year Experience PP5-T
Edward I. Chang, MD; Alexander T. Nguyen, MD, FACS; Melissa A. Crosby, MD, FACS; Hong Zhang, PhD; Jennifer K. Hughes, OTR; Julie A. Moeller, PT; Roman J. Skoracki, MD, FACS; Valerae O. Lewis, MD; David W. Chang, MD; Matthew M. Hanasono, MD, FACS. *MD Anderson Cancer Center, Houston, TX*

Major Limb Amputations at a Teaching Hospital in the Sub-Saharan Africa: What Has Changed? PP8-T
Joshua O. Ogundele, MB, BS, FWACS, FMCS, MPH; Adeleke O. Ifesanya, MB, BS, FWACS, FMCS, MRCS; Olugboyaga A. Oyewole, MB, ChB; Temitope O. Alonge, MD, FWACS, FRCS. *University College Hospital, Ibadan, Nigeria*

MELD Score and Orthopaedic Trauma Surgery: Can We Anticipate Poor Outcomes? PP7-T
Jennifer Keller; Robert J. Avino; Heidi Israel, PhD, FNP; Lisa Cannada, MD; Dirk H. Alander, MD, FACS. *St. Louis University, MO*

Pedicle Screws vs. Minimally Invasive Posterior Lumbar Interbody Fusion (PLIF) with Spinous Process Fixation in the Workers Compensation Population: Early Outcomes with Minimum One-Year Follow Up PP6-T
Christian I. Fras, MD, FACS; Amanda Castilleja. *Institute for Spinal Surgery, Broomall, PA*

Periphery Transacetabular Screws Fixation in Contour Revision Cup: A Cadaveric Biomechanical Study in Vitro PP18-T
Zhimin Ying; Shigui Yan, MD; Haobo Wu, MD. *Second Affiliated Hospital of Medical School of Zhejiang Uni, Hangzhou, China*

Otolaryngology

Anticoagulation and Bleeding Risk in Ultrasound-Guided Fine-Needle Aspiration for Thyroid Lesions PP17-M
Hassan Ahmad; Salah Eldin Mohamed, MD; Ahmed Deniwar, MD; Helmi Khadra, MD; Nuha Alsaleh, MD, FACE; Emad Kandil, MB, BCh, FACS. *Tulane University, New Orleans, LA*

Facial Artery Musculomucosal Flap for Reconstruction of Partial Glossectomy Defects PP16-M
Kristen Aliano, MD; Katelin O'Brien; Jessica Korsh; Matthew Kilgo, MD, FACS; Tommaso Adonna, MD, FACS; Thomas Davenport, MD, FACS. *Long Island Plastic Surgical Group, Garden City, NY*

Interventional Radiology Percutaneous Drainage as a Minimally Invasive Technique in Management of Deep Neck Abscess PP13-M
Abdulla S. Alnakshabandi, MB, ChB, FACS; Ahmed M. Alazawi, MD; Jamal Alkoteesh, MD; Isabelle Nibelle, MD. *SEHA Research Conference, Abu Dhabi, United Arab Emirates*

Percutaneous Ethanol Injection Treatment vs. Radiofrequency Ablation of Locally Recurrent Papillary Thyroid Cancer: Systematic Review and Analysis PP14-M
Tatyana E. Fontenot, MD; Parisha Bhatia; Zaid Al-Qurayshi, MB, ChB, MPH; Emad Kandil, MB, BCh, FACS. *Tulane University, New Orleans, LA*

Role of Intraoperative Parathyroid Hormone in Predicting Postoperative Hypocalcemia Following Total Thyroidectomy PP15-M
David S. Kim, MD; Annabel E. Barber, MD, FACS; Robert C. Wang, MD, FACS. *University of Nevada, Las Vegas*

Pediatric Surgery

Impact of Case Review at a Multidisciplinary Tumor Board on the Management of Pediatric Solid Tumors PP23-T
Arunachalam Thenappan, MD; Erica Southworth, NP; Brenda Kitchen, MD; Raja Rabah, MD; Peter F. Ehrlich, MD, FACS; Ethan Smith, MD; Jonathan R. Dillman, MD; Rajen Mody, MD; Erika A. Newman, MD; James D. Geiger, MD, FACS. *University of Michigan C.S. Mott Children's Hospital, Ann Arbor*

Increased Fetal Wound Size Results in Increased Oxidative Stress and Promotes Scar Formation in Fetal Wounds PP24-T
Carlos Zgheib, PhD; Junwang Xu, PhD; Robert C. Caskey, MD; Michael W. Morris, Jr., MD; Myron W. Allukian, MD; Junyi Hu, MD; Kenneth W. Liechty, MD, FACS. *Nemours Children's Hospital, Orlando, FL*

Infantile Umbilical Hernia—To Strap or Not to Strap? PP14-T
Masashi Kurobe, MD; Masahiko Otsuka, MD; Yuji Baba, MD; Tomomasa T. Hiramatsu, MD; Shinsuke Ohashi, MD; Kazuhiko Yoshida, MD. *Kawaguchi Municipal Medical Center, Japan*

Nonsurgical Management of Pilonidal Disease—Is It Feasible? PP13-T
Domingo T. Alvear, MD. *PinnacleHealth System, Harrisburg, PA*

Signaling Involved in Intestinal Cell Fate Decision following Massive Small Bowel Resection in a Rat Model PP16-T
Igor Sukhotnik, MD, FACS; Alex Roitburt, MSc; Yulia Pollak; Jorge G. Mogilner, MD; Lili Hayari, MD, FACS; Arnold G. Coran, MD, FACS. *Technion-Israel Institute of Technology, Haifa*

Trend Analyses of Inappropriate Treatments in Children in the U.S., 1997–2009 PP22-T
Jun Tashiro, MD, MPH; Eduardo A. Perez, MD, FACS; Holly L. Neville, MD, FACS; Anthony R. Hogan, MD; Juan E. Sola, MD, FACS. *University of Miami, FL*

Perioperative and Critical Care Surgery

Crystalloid to Blood Product Ratios in Hemostatic Resuscitation for Blunt Injury: Early Balanced Ratios Increase Survival PP22-W
Adarsh Vijay, MD; Ruben Peralta, MD, FACS; Rafael J. Consunji, MD, MPH; Ayman El Menyar, MD; H. H. Abdelrahman, MD; A. Parchani, MD; A. Zarour, MD; Hassan A. Al Thani, MB, BCh, FACS; Rifat Latifi, MD. *Hamad Medical Corporation, Doha, Qatar*

IL-6 Levels Are Inversely Related to Blood Glucose Levels in Severe Sepsis and Septic Shock PP15-W
Anja K. Jaehne, MD; Emanuel P. Rivers, MD, MPH; Ilan S. Rubinfeld, MD, FACS; Matilda M. Horst, MD; Justin Belsky, MD; Namita Jayaprakash, MD. *Henry Ford Hospital, Detroit, MI*

ZALVISO™ (Sufentanil Sublingual Microtablet System) Efficacy and Functionality Following Major Abdominal Surgery in Young and Elderly Adult Patients PP16-W
Forrest G. Ringold, MD; Harold S. Minkowitz, MD; Tong-Joo Gan, MD; Keith A. Aqua, MD; Pamela P. Palmer, MD, PhD. *AcelRx Pharmaceuticals, Redwood City, CA*

ZALVISO™ (Sufentanil Sublingual Microtablet System) Onset of Action Compared to Intravenous Therapy (IV) Patient-Controlled Analgesia with Morphine—A Phase 3 Meta-Analysis PP21-W
Harold S. Minkowitz, MD; Tong-Joo Gan, MD; Pamela P. Palmer, MD, PhD. *AcelRx Pharmaceuticals, Redwood City, CA*

Plastic Maxillofacial Surgery

A Photochemical Tissue Bonding Approach for Rapid Sutureless Microvascular Anastomosis with Minimal Inflammation in an Arterial Graft Model PP123-W
Joanna H. Ng, MD; Neil G. Fairbairn, MD; Amanda M. Meppelink, BSc; Hatice Bodugoz-Senturk, PhD; Mark A. Randolph; Orhun K. Muratoglu, PhD; Robert W. Redmond, PhD. *Massachusetts General Hospital, Boston*

Adipose-Derives Stem Cells Treated with Novel Oxysterol Analogues Demonstrate Osteoinductive Activity

PP127-W

Luis A. Segovia, MD; Akishige Hokugo; Reza Jarrahy, MD. *University of California, Los Angeles*

CD4+ Cells Are Key Regulators of Pathologic Changes in Lymphedema

PP117-W

Daniel Cuzzzone, MD; Swapna Ghanta, MD; Nicholas Albano; Ira L. Savetsky, MD; Jason C. Gardenier, MD; Walter J. Joseph; Jeremy S. Torrissi; Babak J. Mehrara, MD, FACS. *Memorial Sloan Kettering Cancer Center, New York, NY*

Classification of Mandible Defects and a Novel Algorithm for Microvascular Reconstruction

PP128-W

Michael Sosin, MD; Arthur Nam, MD; Raja Mojan, MD; Benjamin D. Schultz; Carla De La Cruz; Arif Chaudhry, MD; Branko Bojovic, MD; Michael R. Christy, MD, FACS; Eduardo D. Rodriguez, MD, DDS. *R. Adams Cowley Shock Trauma Center, Baltimore, MD*

Comparing the Use of Microdebrider to Conventional Techniques in the Treatment of Gynaecomastia

PP121-W

Ee Hsiang Jonah Kua, MB, BS, MRCS; Terence Goh, MB, BS, MRCS; Bien Kiem Tan; Kok Chai K. Tan, MD. *Singapore General Hospital, Singapore*

Immediate Reconstruction of the Radiated Breast: An Analysis of National Trends

PP119-W

Aaron S. Farberg, MD; Shailesh Agarwal, MD; Kelley M. Kidwell, PhD; Jeffrey H. Kozlow, MD; Kevin C. Chung, MD; Adeyiza O. Momoh, MD. *University of Michigan, Ann Arbor*

Impact of Nipple Preservation on Implant-Based Reconstruction Outcomes

PP116-W

Carrie K. Chu, MD; Grant Carlson; Albert Losken. *Emory University, Atlanta, GA*

Incidence and Outcomes of Dermatofibrosarcoma in the Pediatric Population

PP129-W

David J. Gerth, MD; Jun Tashiro, MD, MPH; Seth R. Thaller, MD, DMD, FACS. *University of Miami, FL*

Obesity Is a Critical Regulator of Lymphatic Injury

PP118-W

Daniel Cuzzzone, MD; Nicholas Albano; Swapna Ghanta, MD; Ira L. Savetsky, MD; Jason C. Gardenier, MD; Walter J. Joseph; Jeremy S. Torrissi; Babak J. Mehrara, MD, FACS. *Memorial Sloan Kettering Cancer Center, New York, NY*

Obesity Results in Lymphatic Injury and Impaired Clearance of Subcutaneous Tissue Inflammation

PP113-W

Nicholas J. Albano; Daniel Cuzzzone, MD; Swapna Ghanta, MD; Jeremy S. Torrissi; Walter J. Joseph; Ira L. Savetsky, MD; Jason C. Gardenier, MD; Babak J. Mehrara, MD, FACS. *Memorial Sloan Kettering Cancer Center, New York, NY*

Obesity Worsens Lymphedema via an Exaggerated Inflammatory Response

PP126-W

Ira L. Savetsky, MD; Jeremy Torrissi; Daniel Cuzzzone, MD; Swapna Ghanta, MD; Nicholas Albano; Jason C. Gardenier, MD; Walter J. Joseph; Babak J. Mehrara, MD, FACS. *Memorial Sloan Kettering Cancer Center, New York, NY*

Outcomes in Obese Patients after Oncoplastic Breast Reconstruction following Segmental Mastectomy vs. Immediate Breast Reconstruction following Skin-Sparing Mastectomy

PP131-W

Winnie Tong, MD; Donald P. Baumann, MD, FACS; Mark T. Villa, MD, FACS; Elizabeth A. Mittendorf, MD, PhD, FACS; Melissa A. Crosby, MD, FACS; Jun Liu, MD, PhD; Geoffrey L. Robb, MD; Patrick B. Garvey, MD. *MD Anderson Cancer Center, Houston, TX*

Patients and Outcomes Comparisons Between Civilian and Military Trauma Undergoing Limb Salvage

PP125-W

Jennifer Sabino, MD; Raja Mohan, MD; Elliot Jessie, MD, MBA; Devinder P. Singh, MD; Eduardo D. Rodriguez, MD, DDS; Ian L. Valerio, MD, MBA, FACS; Rachel Bluebond-Langner. *Walter Reed National Military Medical Center, Bethesda, MD*

Pediatric Oral Cavity Malignancies: Epidemiology and Outcomes

PP130-W

David J. Gerth, MD; Jun Tashiro, MD, MPH; Seth R. Thaller, MD, DMD, FACS. *University of Miami, FL*

Pharmacologic Rescue of Motor and Sensory Function following Neonatal Peripheral Nerve Injury

PP114-W

Gregory H. Borschel, MD, FACS; Stephen Kemp, PhD; Mark Szyndkaruk; Joseph Ready, PhD; Simon Beggs, PhD; Michael W. Salter, MD, PhD; Tessa Gordon, PhD; Andrew Pieper, MD, PhD. *The Hospital for Sick Children / University of Toronto, Ontario*

The Minneapolis Score: A Preoperative Scoring System for Spinal Cord Injury Pressure Ulcer Treatment—An Outcome Analysis

PP115-W

Umar H. Choudry, MB, BS, FACS; Ryan Mello, PhD; Jean Dominique Morancy, MD; Mary M. Murphy, RN, CWCN. *Minneapolis VA Medical Center, MN*

Use of Autologous Fat Grafting for Reconstruction Post-mastectomy and Breast-Conserving Surgery: A Systematic Review and Meta-Analysis of Oncological Outcomes

PP120-W

Riaz A. Agha, MB, BS; Alexander Fowler; Christian Herlin; Tim Goodacre; Dennis P. Orgill. *Stoke Mandeville Hospital, Aylesbury, United Kingdom*

Use of N-Butyl-2 Cyanoacrylate for Closure of Large Fasciocutaneous Abdominal Skin Flaps: An Experimental Model PP122-W
Juan F. Molina Lopez, MD; Priscila P. Rojas Garcia, MD; Gabriel Szydlo-Shein; Angel Martinez Munive. *Centro Medico ABC, Mexico City, Mexico*

Utilizing Nonvascularized Partial Skeletal Muscle Grafts in Peripheral Nerve Interfaces for Prosthetic Control PP132-W
Shoshana Woo, MD; Melanie G. Urbanchek, PhD; Michelle K. Leach, PhD; Jana D. Moon; Paul S. Cederna, MD, FACS; Nicholas B. Langhals, PhD. *University of Michigan, Ann Arbor*

Quality, Outcomes, and Costs

Accepting the Challenge: General Surgeons Partnering with Hospital Administrators to Manage Quality Care Initiatives PP53-W
Alicia J. Mangram, MD, FACS; Francisco N. Rodriguez, MD; Michael G. Corneille, MD; Cecile J. D'Huyvetter, MSN; James K. Dzandu, PhD; Jean Knoedler, BSN, MSHSA. *John C. Lincoln North Mountain Hospital, Phoenix, AZ*

Antibiotic Choice in Thyroidectomy Affects Outcomes and Costs—An Analysis of University HealthSystem Consortium Data PP50-W
Alexander Langerman, MD, FACS; Sandra A. Ham; Jennifer Pisano, MD. *University of Chicago, IL*

Can We Improve Prediction Models for Mortality in Severe Traumatic Brain Injury? PP44-W
Aaron Dawes, MD; Greg D. Sacks, MD, MPH; H. Gill Cryer, MD, PhD; Christy Preston, RN; Deidre Gorospe, RN; J. Peter Gruen, MD; Matt Garrett, MD; Melinda A. Maggard Gibbons, MD, FACS; Marcia M. Russell, MD, FACS; Clifford Y. Ko, MD, MS, MSHS, FACS, FASCRS. *University of California, Los Angeles*

Clinical, Anatomical, and Pathological Grading Score to Predict Technical Difficulty in Laparoscopic Splenectomy PP59-W
Carlos Rodriguez-Otero Luppi, MD; Eduardo M. Targarona, MD, PhD, FACS; Jose Luis Pallarés, MD; Carmen Balague, MD; Manel Trias. *Hospital de la Santa Creu i Sant Pau, Barcelona, Spain*

Cost-Effectiveness of Endoscopic Retrograde Cholangiopancreatography vs. Endoscopic Ultrasound vs. Surgery as Initial Evaluation for the Patient Presenting with Biliary Stricture PP55-W
Joseph B. Oliver, MD; Atuhani B. Burnett, MD, PhD; Ravi J. Chokshi, MD, FACS. *Rutgers University, Newark, NJ*

Delivering Individual Surgeon Performance Data through a Statewide Surgical Quality Improvement Collaborative PP43-W
Brian J. Daley, MD, FACS; Oscar D. Guillamondegui, MD, FACS; Joseph B. Cofer, MD, FACS; William Cecil; Chris Clarke, RN. *University of Tennessee Medical Center, Knoxville*

Despite Elevated Preoperative Risk Factors, Equivalent Outcomes for Autologous Breast Reconstruction in African-American Women PP40-W
Paris D. Butler, MD, MPH; Jonas Nelson, MD; John P. Fischer, MD; Benjamin Chang, MD, FACS; Joseph C. Serletti, MD, FACS; Liza C. Wu, MD, FACS. *University of Pennsylvania, Philadelphia*

Do No Harm Except to Ourselves? Surgeons in the Operating Room, a Meta-Analysis of Musculoskeletal Symptoms and Ergonomic Interventions PP64-W
Chee-Chee Stucky, MD; Kate C. Griffen; Yi-Ju Chiang, MSPH; Merrick I. Ross, MD, FACS; Jeffrey E. Lee, MD, FACS; Janice N. Cormier, MD. *MD Anderson Cancer Center, Houston, TX*

Does Feedback of Surgical Outcome Data Improve Surgical Performance? A Systematic Review PP66-W
Abhishek Trehan; Mahiben Maruthappu, BM, BCh; Ashton Barnett-Vanes, BSc; Matthew Carty; Peter McCulloch. *University of Oxford, Oxford, U.K.*

Expanding the Hailstorm Application Risk Metric Score: Measuring Quality and Outcomes in Colorectal and Gastrointestinal Surgery PP72-W
Monica T. Young, MD; Benjamin P. Crawshaw, MD; Michael J. Phelan, PhD; Steven D. Mills, MD, FACS; Joseph C. Carmichael, MD, FACS; Alessio Pigazzi, MD, FACS; Conor P. Delaney, MB, BCh, PhD, FACS; Michael J. Stamos, MD, FACS. *University of California-Irvine Medical Center, Orange*

Impact of Surgeon and Surgical Team on Outcomes in Immediate Implant-Based Breast Reconstruction PP46-W
Lisa Gfrerer, MD; David Mattos; Melissa Mastroianni, MD; Joseph A. Ricci, MD; Christina Weng; Jon Winograd; Curtis L. Cetrulo, Jr., MD, FACS; William G. Austen, Jr., MD; Eric C. Liao. *Massachusetts General Hospital, Boston, MA*

Impact of Surgical Complications on Survival in Patients with Colon Cancer: A Novel Linkage Study Using ACS NSQIP® and a State Cancer Registry PP70-W
Ching-Wei D. Tzeng, MD; Sandra J. Beck, MD, FACS; Jon S. Hourigan, MD, FACS, FASCRS; B. Mark Evers, MD; Patrick C. McGrath, MD, FACS; Daniel L. Davenport, PhD. *University of Kentucky, Lexington*

Implementing a Standardized Safe Surgery Program Reduces Serious Reportable Events PP52-W
Terrence J. Loftus, MD, FACS; Kathleen Harder, PhD; Deb Dahl; Bridget O'Hare; Karlene Power; Yvette Toledo-Katsenes; Ryan Hutchison, MBA, BSIE; David Jacobsy, MD. *Banner Health, Phoenix, AZ*

Improving Quality Metric Adherence in Minimally Invasive Breast Biopsy Among Surgeons Across a Multihospital Organization

PP65-W

Judy A. Tjoe, MD, FACS; Sue E. Ihde, MBA, BSN; Danielle M. Greer, PhD; James L. Weese, MD, FACS. *Aurora Health Care, Milwaukee, WI*

Location Matters: Factors Associated with Access to Robotic Surgery for Rectal Cancer

PP57-W

Christian P. Probst, MD; Christopher T. Aquina, MD; Kristin N. Kelly, MD; Katia Noyes, PhD, MPH; Fergal Fleming, MD; John RT. Monson, MD, FACS. *University of Rochester Medical Center, Rochester, NY*

Long-Term Outcomes after Mild Traumatic Brain Injury

PP42-W

Elizabeth Shinn, MD; Amy Pate, MD; Frederique Pinto; Akella Chendrasekhar, MD. *Richmond University Medical Center, Staten Island, NY*

Long-Term Readmissions and Complications in Open and Laparoscopic Colorectal Cancer Surgery:

A Propensity Score Matched Analysis

PP37-W

Knut Magne Augestad, MD, PhD; Stein Olav Skrøvseth, MSc, PhD; Arthur Revhaug; Kim Mortensen; Kristian Hindberg, PhD; Fred Godtliebsen, PhD; Benjamin P. Crawshaw, MD; Rolv-Ole Lindsetmo; Conor P. Delaney, MB, BCh, PhD, FACS. *University Hospital North Norway, Tromsø, Norway*

Machine Learning is Superior to Traditional Modeling:

A Parathyroid Hormone Calculator Example

PP62-W

David F. Schneider, MD; Mark Craven, PhD; Philip E. Sonderman; Sara A. Weber; Rebecca S. Sippel, MD; Caprice C. Greenberg, MD, MPH, FACS; Herbert Chen, MD. *University of Wisconsin, Madison*

Medical Condition or Socioeconomic Status: Is Either Dominant in Predicting Outcomes after Hepatic Surgery?

PP51-W

Heather L. Lewis, MD; Gregory C. Wilson, MD; Jeffrey M. Sutton, MD; Dennis Hanseman, PhD; Jeffrey Sussman, MD; Syed Ahmad, MD; Michael Edwards, MD; Daniel E. Abbott, MD. *University of Cincinnati, OH*

Morbidly Obese Patients and Motor Vehicle Collisions: Are Protective Devices Really Protective?

PP47-W

Michael F. Ditillo, DO, FACS; Bellal Joseph, MD, FACS; Peter M. Rhee, MD, FACS; Viraj Pandit, MD; Lourdes Castanon, MD; Steven Hadeed, MPH; Bardiya Zangbar, MD; Randall S. Frieze, MD, FACS; Allan Philip, MD. *Allegheny General Hospital, Pittsburgh, PA*

Packed Red Blood Cell Transfusion Practices in Cardiothoracic Surgery before and after the Implementation of Transfusion Clinical Decision Support

PP58-W

Seyed Amirhossein Razavi, MD; Alexis B. Carter, MD; John D. Puskas, MD, FACS, FACC; Sara R. Gregg, MHA; Iman F. Aziz, MBA; Timothy G. Buchman, MD, FACS. *Emory University, Atlanta, GA*

Perception and Knowledge of Patients Candidates for Laparoscopic Cholecystectomy in a Teaching Hospital: A Study to Evaluate and Optimize the Informed Consent

PP56-W

Rene A. Palomo, MD. *Hospital Metropolitano, Monterrey, Mexico*

Perception of Surgeons Participating in a Multi-institutional Trial of a 360 Degree Evaluation Tool

PP54-W

Suliat M. Nurudeen, MD; Kwakye Gifty, MD, MPH; Alex B. Haynes, MD, MPH; Lipsitz Stuart, ScD; Atul A. Gawande, MD, FACS; William Berry, MD, MPH. *Harvard University, Boston, MA*

Quality of Communication during Transfer to Definitive Care in a Provincial Trauma System: A Review of 100 Transfers

PP38-W

Nori L. Bradley, MD; Naisan Garraway, MD, CD; Jennifer Li, BSc; Nasira Lakha, RN; Richard K. Simons, MB, BChir, FACS, FRCS, FRCSC; S. Morad Hameed, MD, MPH, FRCPS. *University of British Columbia, Vancouver*

Quality of Life and Burnout Rates Across Surgical Specialties: A Systematic Review and Meta-Analysis of the Current Literature

PP63-W

Michael Sosin, MD; Marisa E. Pulcrano; Nawar Shara, PhD; Steven RT. Evans, MD. *MedStar Georgetown University Hospital, Washington, DC*

Recruitment of Trauma/Surgical Critical Care Faculty Reverses Decline of Patient Outcomes

Noted with Previous Faculty Attrition

PP45-W

Mack D. Drake, DO; Mark E. Hamill, MD; Eric H. Bradburn, DO; Dallas A. Taylor, RN; Carol M. Gilbert, MD; Christopher C. Baker, MD, FACS; John R. Kundzins, BS; John J. Ferrara, MD, FACS; Bryan R. Collier, DO, FACS. *Carilion Roanoke Memorial Hospital, Roanoke, VA*

Running on Empty: The Rise in Blood Loss Anemia and Need for Blood Transfusions

Following Common Surgical Procedures

PP39-W

Benjamin S. Brooke, MD, PhD; Philip P. Goodney, MD; Larry W. Kraiss, MD, FACS; Daniel J. Gottlieb; Samuel RG. Finlayson, MD, MPH, FACS. *University of Utah, Salt Lake City*

Surgeons in Difficulty: An Exploration of Behaviour Differences Among Male and Female Surgeons

PP61-W

Hilary A. Sanfey, MB, BCh, FACS; John A. Fromson, MD; John D. Mellinger, MD, FACS; Jan Rakinic, MD, FACS; Michael Williams, PhD; Betsy Williams, PhD, MPH. *Southern Illinois University, Springfield*

Surgical Mortality during Summer Vacation

PP41-W

Antoine Duclos, MD, PhD; Pascal Caillet, PharmD, MPH; Cécile Payet, MSc; Matthew J. Carty, MD. *Hospices Civils de Lyon, France*

The ACS NSQIP® Supports the Use of an Early Warning System in Identifying Postoperative Patients at Risk for 30-Day Outcomes

PP71-W

Sharon Weintraub, MD; Cynthia Ross-Richardson, BSN, CNOR; Michael Poster, MD; Christine Bantus,

MD; Bruna Babic, MD; Rekha Singh, MD. *The Hospital of Central Connecticut, New Britain*

The Effect of an Acute Care Surgery Service on the Management of Appendicitis PP48-W

Radoslav Krouchev, MD; Geneviève Champagne-Parent; Émilie Joos, MD; Vincent Trottier, MD. *L'Enfant-Jésus Hospital, Quebec City, QC*

The Role of Surgery in Stage IIIA Non-Small Cell Lung Cancer: A Decision and Cost-Effectiveness Analysis PP60-W

Pamela P. Samson, MD; Aalok Patel; Clifford G. Robinson, MD; Daniel Morgensztern, MD; Su-Hsin Chang, PhD; Graham A. Colditz, MD, DrPH; Bryan F. Meyers, MD, MPH; Traves D. Crabtree, MD; Varun Puri, MB, BS, FACS. *Washington University, St. Louis, MO*

Trends in the Management of Bleeding Peptic Ulcers: Less Traumatic, More Successful? PP49-W

Mikhail Kryzhanouski, MD; Kenneth W. Bueltmann, MD; Marek Rudnicki, MD, PhD, FACS. *Advocate Illinois Masonic Medical Center, Chicago, IL*

Surgical Education

A Plan for Whole-Lifecycle Scientific Evaluation of Surgical Innovation: The Idea, Development, Exploration, Assessment, Long-Term Follow-Up (IDEAL) Recommendations PP89-W

Peter McCulloch; Allison Hirst; Mahiben Maruthappu, MA, BM, BCh. *Nuffield Department of Surgical Sciences, University of Oxford, U.K.*

A Quantitative and Qualitative Needs Assessment Enhances the Relevance of a Patient Safety Curriculum for Surgical Residents PP95-W

Rohini McKee, MD, MPH, FASCRS; Andrew L. Sussman, PhD; M. Timothy Nelson, MD, FACS; John C. Russell, MD, FACS. *University of New Mexico Hospital, Albuquerque*

Analysis of the Occupational Stress of Korean Surgeons PP76-W

Yoon-Jung Boo, MD; Ji-Sung Lee, MD; Sang-Hee Kang, MD. *Korea University, Seoul, South Korea*

Assessment of Different Learning Styles in Graduate Medical Education PP75-W

Julia M. Boll, MD; Justin Rabinowitz; Minh B. Luu, MD; Omar Behery, MPH; Shaun C. Daly, MD; John Kuba-siak, MD; Jonathan A. Myers, MD, FACS. *Rush University Medical Center, Chicago, IL*

Carotid Artery Stenting Simulation Leads to Reduced Procedure and Fluoroscopy Times PP86-W

Andre F. Gosling, MD; Anil Nagavalli; Daniel Kendrick, MD; Vikram S. Kashyap, MD, FACS; John C. Wang, MD. *University Hospitals Case Medical Center, Cleveland, OH*

Development and Validation of the Checklist for the Evaluation and Feedback of Laparoscopic Inguinal Hernia Repair Using Surgical Video PP105-W

Saseem Poudel; Yo Kurashima, MD, PhD; Yo Kawarada, MD, PhD; Yusuke Watanabe, MD; Yoshihiro Murakami, MD, PhD; Yoshiyuki Matsumura, MD, PhD; Hiroaki Kato, MD, PhD; Kyosuke Miyazaki, MD, PhD; Toshiaki Shichinohe, MD, PhD; Satoshi Hirano, MD, PhD. *Hokkaido University, Sapporo, Japan*

Does Implementing a General Surgery Residency Program Increase the Cost of Care? PP106-W

Trevor Wexner; Armando Rosales-Velderrain, MD; Raul J. Rosenthal, MD, FACS. *Cleveland Clinic Florida, Weston, FL*

Does Resident Depth of Clinical Trauma Exposure Affect Advanced Trauma Operative Management (ATOM) Course Experience? PP92-W

Jody M. Kaban, MD, FACS; Melvin E. Stone, MD, FACS; Saman Safadjou, MD; Srinivas H. Reddy, MD; Ronald Simon, MD, FACS; Sheldon H. Teperman, MD, FACS. *Jacobi Medical Center, Bronx, NY*

Duty-Hour Restrictions Are Associated with Improved Outcomes in Patients Undergoing General Surgical Procedures PP88-W

Wissam J. Halabi, MD; Mehraneh D. Jafari, MD; Vinh Q. Nguyen, PhD; Alessio Pigazzi, MD, FACS; Brian R. Smith, MD; Mathew Dolich; Michael J. Stamos, MD, FACS. *University of California-Irvine, Orange*

Educational Debt: A Survey of the Nation's General Surgery Residents PP84-W

Erin M. Garvey, MD; Richard J. Gray, MD, FACS; Nabil Wasif, MB, BS, FACS. *The Mayo Clinic Arizona, Phoenix*

Effects of Accreditation Council for Graduate Medical Education Intern 16-Hour Duty Periods on the Academic Curriculum of Surgical Interns PP108-W

Jessica Vavra, MD; Elango Edhayan, MB, BS, FACS. *St. John Hospital and Medical Center, Detroit, MI*

Faculty Assessment of Resident Medical Knowledge: Does It Meet Accreditation Council for Graduate Medical Education Core Competency Requirements? PP74-W

Johanna V. Basa, MD; Daniel Chang, MD; Gainosuke Sugiyama, MD, FACS; Lisa S. Dresner, MD, FACS; Rose-anna Lee, MD; Antonio E. Alfonso, MD, FACS. *State University New York Downstate Medical Center, Brooklyn*

Five-Year Experience with an International Elective during General Surgery Residency PP91-W

Benjamin T. Jarman, MD, FACS; Colette O'Heron. *Gundersen Health System, La Crosse, WI*

Influence of a Short-Term Camera Navigation Training on Laparoscopic Performance and Team Cooperation in a Virtual Reality Setting PP98-W

Markus Paschold, MD; Tobias Huber, MD; Hauke Lang, MD, FACS; Werner Kneist, MD. *University Medicine Mainz, Germany*

Initiating Surgical Resident Involvement in Quality Improvement Processes

PP87-W

Rod Grim; Natalee G. Young, MD; Virginia S. Wesner, MPA; Vanita Ahuja, MD, FACS. *York Hospital, WellSpan Health, York, PA*

Interpersonal Conflicts Management and Organizational Consciousness in General Surgery Residency

PP73-W

Ruben D. Algieri, MD, FACS; Carlos R. Torlaschi, MD, FACS; Rodolfo L. Faraco, MD, FACS; Gustavo Wasielewsky, MD; María S. Ferrante, MD. *Air Force Argentine Hospital, Buenos Aires, Argentina*

Malignant Mastocytosis: A Rare and Diverse Disease—Demographics and Clinical Outcomes for 349 Patients from the Surveillance Epidemiology and End Result Database (1973–2010)

PP94-W

Krishnaraj Mahendraraj, MD; Saketh Gudipati, MD; Ronald S. Chamberlain, MD, MPA, FACS. *Saint Barnabas Medical Center, Livingston, NJ*

Outcomes of Surgical Skill Training after a Systematic Approach Utilizing a Laparoscopic Suturing Platform

PP107-W

Armando Rosales-Velderrain, MD; Abraham A. Betancourt, MD; Steven D. Wexner, MD, PhD, FACS, FRCS, FRCSEd; Raul J. Rosenthal, MD, FACS. *Cleveland Clinic Florida, Weston*

Over 80 Percent of Posters Presented at the 2009 ACS Clinical Congress Were Not Accepted for Publication

PP80-W

Afshin Parsikia, MD; Joel B. Durinka, MD; Po-Nan Chang; Jorge Ortiz, MD. *Einstein Healthcare Network, Philadelphia, PA*

Pathway-Based Acute Care Surgery Training Using a Novel Simulation Method

PP78-W

Joseph Buchholz; Kiyoyuki W. Miyasaka, MD; Niels D. Martin, MD, FACS; Denise LaMarra; Rajesh Aggarwal, MD, PhD, FRCS. *University of Pennsylvania, Philadelphia*

Quantifying Surgical Skill: Using the Wisdom of Crowds

PP93-W

Thomas S. Lendvay, MD, FACS; Lee W. White, PhD; Daniel Holst; Timothy Kowalewski, PhD; Jonathan D. Harper, MD; Mathew Sorensen, MD; Timothy C. Brand, MD; Mireille Truong; Khara Simpson, MD; Roger Smith, PhD. *University of Washington, Seattle*

Residency “Siblings”: A System for Establishing Peer Residency Support

PP77-W

Erin Brown, MD; Aaron C. Baker, MD; Edgardo S. Salcedo, MD; Joseph M. Galante, MD, FACS. *University of California Davis, Sacramento*

Staff Perceptions on the Impact of a General Surgery Residency Program

PP99-W

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Stuck in the Passenger Seat: Understanding Trainee Engagement in the Operating Room

PP96-W

Daniel Glatt; Ryan Brydges, PhD; Carol-anne Moulton, MB, BS, FRACS, MEd, PhD. *University of Toronto, ON*

Study of the Trends in Eppworth Sleepiness Score Over Five Years in Surgical Residency

PP79-W

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The Impact of Surgical Residents on Failure to Rescue

PP82-W

Nathaniel L. Kister, MD; Jeremiah T. Martin, MB, BCh, FRCSI; Angela L. Mahan, MD; Siby P. Saha, MD, MBA; Victor A. Ferraris, MD, FACS. *University of Kentucky, Lexington*

The Influence of Experience on Individual Surgical Performance: A Systematic Review

PP85-W

Barnabas Gilbert; Mahiben Maruthappu; Majd El-Harasis; Myura Nagendran; Peter McCulloch; Antoine Duclos; Matthew Carty. *Harvard University, Cambridge, MA*

The Routine Application System: Observational Human Clinical Assessment Reliability Gradually Decreasing the Errors during Laparoscopic Cholecystectomy

PP100-W

Victor M. Pinto Angulo, MD; Claudia Y. Díaz Aguilar, MD; Javier J. García Álvarez, MD; Giuseppe G. Briceño Sáenz, MD. *Hospital Juárez de México, México, Mexico*

The Trauma-Research Associates Program for Undergraduate Students: Shaping Future Academic Surgeons

PP83-W

Galinos Barmparas, MD; Nicole M. Fierro; Debora Lee; Sogol Ashrafian; Danielle Tran; Eric J. Ley, MD, FACS. *Cedars-Sinai Medical Center, West Hollywood, CA*

The Use of Wearable Technology in the Operating Room

PP97-W

Tolutope O. Oyasiji, MB, BS; Pragatheeshwar Thirunavukarasu, MB, BS; Steven Nurkin, MD. *Roswell Park Cancer Institute, Buffalo, NY*

Trained Assistant Instructors Facilitate Cost-Effective Simulation-Based Technical Training among Medical Students

PP90-W

Yinin Hu, MD; Joanna Choi; Adela Mahmutovic; Ivy A. Le; Helen Kim; Sara K. Rasmussen, MD, PhD. *University of Virginia, Charlottesville*

Using Delphi Methodology to Improve Morbidity and Mortality Conference—Experience from an Independent Academic Center

PP81-W

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Surgical Humanitarian Outreach

Benefits and Barriers to Participation in Short-Term International Humanitarian Surgical Missions: Residents' Perspective PP101-W

Letitia E. Bible, MD; Julie Y. Son, MD; Anthony J. Scholer, MD; Asha G. Bale, MD, FACS; Anastasia Kunac, MD, FACS; David H. Livingston, MD, FACS; Ziad C. Sifri, MD, FACS. *Rutgers University, Newark, NJ*

Helping Hands: A Cost-Effectiveness Study of a Humanitarian Hand Surgery Mission Based on Disability Adjusted Life Years PP109-W

Karan Chopra, MD; Kashyap K. Tadisina; Kushal R. Patel; Devinder P. Singh, MD; J. Grant Thomson, MD. *University of Maryland Medical Center, Baltimore*

Surgical Anthropology In Humanitarian Medicine PP110-W

Bonnie Taub, MPH, PhD; Reza Jarrahy, MD. *University of California, Los Angeles*

Surgical Needs of Nepal: Pilot Study of a Population-Based Survey in Pokhara, Nepal PP102-W

Shailvi Gupta, MD; Anju Ranjit, MB, BS, MPH; Ritesh Shrestha; Evan G. Wong, MD; W. C. Robinson, PhD; Sunil Shrestha, MB, BS; Benedict C. Nwomeh, MD, MPH, FACS; Reinou Groen, MD, PhD; Adam L. Kushner, MD, MPH, FACS. *Johns Hopkins University, Baltimore, MD*

Surgical Presentation of Peptic Ulcer Disease in a Sub-Saharan Africa Setting PP104-W

Melanie Sion, MD; Laura P. Boschini, MD; Sara Myers, MD; Grace Martin, MD; Anthony G. Charles, MB, BS, FACS. *University of North Carolina, Chapel Hill*

The Establishment of a Follow-Up Clinic to Monitor Patient Outcomes for a Short-Term Surgical Trip to Haiti PP103-W

Megan Quinn; Chelsea McCullough; Lee A. Hugar; Joel K. Bagley; Benjamin M. Martin, MD; Jahnavi K. Srinivasan, MD, FACS. *Emory University, Atlanta, GA*

Surgical Oncology

Association Between Non-Sentinel Lymph Node Metastasis and Clinicopathological Factors in Sentinel Lymph Node Metastasis Positive Breast Cancer PP49-M

Yu Koyama, MD, PhD; Miki Hasegawa, MD; Kumiko Tatsuda, MD; Jun Sakata, MD; Takashi Kobayashi; Masahiro Minagawa, MD; Shin-Ichi Kosugi, MD, PhD; Toshifumi Wakai, MD, PhD. *Niigata University, Niigata, Japan*

Clinical Benefit and Safety of Boosting the HER2 Peptide Vaccine (AE37+GM-CSF) in the Adjuvant Setting to Prevent Breast Cancer Recurrence PP60-M

Erika Schneble, DO; John S. Berry IV, MD; Alfred F. Trappey; Timothy J. Vreeland, MD; Guy T. Clifton, MD; Sathibalan Ponniah, PhD; Michael Papamichail, MD, PhD; Sonia Perez, PhD; George E. Peoples, MD;

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Clinical Utility of Endoscopic Ultrasound in the Preoperative Evaluation of Gastric Adenocarcinoma: A Sonographic Validation Study PP61-M

Oscar K. Serrano, MD; Kevin Huang; Nicole Ng, PharmD; Patricia Friedmann; Steven K. Libutti, MD, FACS; Timothy J. Kennedy, MD, FACS. *Montefiore Medical Center, Bronx, NY*

Complications and Readmissions after Immediate Breast Reconstruction: The California Experience PP52-M

Shaila Merchant, MD; Leanne Goldstein, DrPH; Laura L. Kruper, MD, FACS. *City of Hope National Medical Center, Duarte, CA*

Conversion Therapy for Initially Unresectable Advanced Gastric Cancer after Combination Chemotherapy of Docetaxel, Cisplatin and S-1 PP53-M

Hiroaki Mieno, MD; Natsuya Katada, MD; Hideki Ushiku, MD; Akira Ema, MD; Hiromitsu Moriya, MD; Kei Hosoda, MD; Keishi Yamashita, MD, PhD, FACS; Masanori Naitou, MD, PhD; Shiro Kikuchi, MD, PhD; Masahiko Watanabe. *Kitasato University, Sagamiara, Japan*

Dermal Melanoma Without a Known Primary: Where Does It Fit in Our Current Staging System? PP41-M

Amod Sarnaik, MD; Matthew Doecker, MD; Zach Thompson, PhD; Jennifer N. Harb; Jonathan S. Zager, MD, FACS; Vernon K. Sondak, MD, FACS; Kathleen Egan, PhD; Ricardo J. Gonzalez, MD, FACS; Jane Mesina, MD; Christopher A. Puleo, PA-C. *Moffitt Cancer Center, Tampa, FL*

Effect of TNM Stage on Surveillance Intensity after Curative-Intent Treatment for Breast Carcinoma PP46-M

Frank E. Johnson, MD, FACS; Daniel Z. Wu; Emad S. Allam, MD; Julie A. Margenthaler, MD; Katherine S. Virgo, PhD; Ling Chen, PhD. *St. Louis University, MO*

Evaluating Compliance with National Comprehensive Cancer Network Guidelines in Management of Colorectal, Liver, and Thyroid Cancer PP42-M

Michelle Estrada; Sean Y. McGill; Subhasis Misra, MD, MB, BS, FACS. *Texas Tech University, Amarillo, TX*

Expression of Vitamin D Receptor in Oral Cancer and Effect of Oral Vitamin D Supplementation with Chemoradiotherapy on Quality of Life PP62-M

Abhinav Sonkar, MS, FACS, FUICC, FRCS; Nuzhat Hussain, MD; Jitendra K. Kushwaha, MS, FLCS; Suyash Singh, MB, BS; Sudhir Singh, MD; Kul Ranjan Singh, MS, Mch. *King George's Medical University, Lucknow, India*

Factors Associated with Survival in Patients with Pseudomyxoma Peritonei: Influence of Signet Ring Cells PP47-M

Sean Judge; Shreya Shetty, MB, BS; Peter Thomas, PhD; Venkatesh Govindarajan, PhD; Poonam Sharma,

MD; Brian Loggie, MD. *Creighton University, Omaha, NE*

FOLFIRINOX Induction Therapy for Stage III Pancreatic Adenocarcinoma PP58-M

Eran Sadot, MD; Alexandre Duossot, MD; Eileen M. O'Reilly, MD; Mithat Gönen, PhD; T. Peter Kingham, MD; Michael I. D'Angelica, MD; Yuman Fong, MD; Ronald P. DeMatteo, MD, FACS; William R. Jarnagin, MD, FACS; Peter J. Allen, MD, FACS. *Memorial Sloan Kettering Cancer Center, New York, NY*

Histological Mixed-Type Gastric Carcinoma as an Independent Prognostic Factor in Stage I Gastric Carcinoma PP44-M

Taisuke Imamura; Shuhei Komatsu, MD, PhD; Daisuke Ichikawa, MD; Takeshi Kubota, MD, PhD; Kazuma Okamoto, MD; Hirotaka Konishi, MD; Atsushi Shiozaki, MD, PhD; Hitoshi Fujiwara, MD; Eigo Otsuji. *Kyoto Prefectural University of Medicine, Kyoto, Japan*

Identifying Cancer Stem Cell-Like Characters in Hepatocellular Carcinoma Cells and Their Role in HCC Recurrence PP56-M

Harshul Pandit; Yan Li, MD, PhD; Robert G. Martin II, MD, FACS. *University of Louisville, KY*

Improving Long-Term Survival by Repeated Vaccine Immuno-Chemotherapy for Advanced Metastatic Melanoma—Is It All About Dose Timing? PP39-M

Brendon J. Coventry, BM, BS, PhD, FACS, FRACS, FRSM. *University of Adelaide, Australia*

Myeloid-Derived Suppressor Cells Promotes Colorectal Cancer Invasion through CCL15-CCR1 Chemokine Axis PP45-M

Yoshiro Itatani; Kenji Kawada, MD, PhD; Yoshiharu Sakai, MD, FACS; Susumu Inamoto, MD; Takamasa Yamamoto, MD; Makoto M. Taketo, MD, PhD. *Kyoto University, Japan*

Multimodality Therapy with Chemoradiotherapy Using Fluorouracil (5-FU) Plus Nedaplatin Followed by Additional Surgery for Locally Advanced Esophageal Squamous Cell Carcinoma PP50-M

Naoshi Kubo, MD, PhD; Masaichi Ohira, MD; Katsunobu Sakurai, MD, PhD; Kosei Hirakawa. *Osaka City University, Japan*

Nicotine Drives Pancreatic Cancer Metastasis Through Paracrine Signaling in the Tumor Microenvironment PP40-M

Daniel Delitto, MD; Song Han, PhD; Steven J. Hughes, MD, FACS; Kevin E. Behrns, MD, FACS; Jose G. Trevino, MD. *University of Florida, Gainesville*

Nipple-Sparing Mastectomy and Immediate Reconstruction through an Inframammary Fold Incision Is an Effective and Safe Approach PP51-M

Umbareen Mahmood, MD; Jessica Suber, MD; Ronit H. Zadikany; Christine Laronga, MD, FACS; Paul D. Smith, MD. *Moffitt Cancer Center, Tampa, FL*

Obesity Paradox in Gastric Cancer: New Insights Provided by Postoperative Complications PP48-M

Shuhei Komatsu, MD, PhD; Daisuke Ichikawa, MD; Takeshi Kubota, MD, PhD; Kazuma Okamoto, MD; Hirotaka Konishi, MD; Ryo Morimura, MD; Hisashi Ikoma; Atsushi Shiozaki, MD, PhD; Hitoshi Fujiwara, MD; Eigo Otsuji. *Kyoto Prefectural University of Medicine, Kyoto, Japan*

Plasma microRNA Profiles: Identification of miR-223 and miR-744 as a Novel Plasma Biomarker in Pancreatic Adenocarcinoma PP54-M

Mahito Miyamae, MD; Shuhei Komatsu, MD, PhD; Daisuke Ichikawa, MD; Tsutomu Kawaguti, MD; Shoji Hirajima; Yusuke Yamamoto, MD; Ryo Morimura, MD; Hiroki Taniguchi, MD, PhD; Hisashi Ikoma; Eigo Otsuji. *Kyoto Prefectural University of Medicine, Japan*

Pretreatment Platelet/Lymphocyte Ratio is a Significant Prognostic Marker in Colorectal Cancer Patients PP38-M

Ahmet Z. Balta, MD; Yavuz Ozdemir, MD; Mehmet Cuhadar; Ergun Yucel; Mehmet L. Akin, MD; Ilker Sucullu, MD. *GATA Haydarpasa Teaching Hospital, Istanbul, Turkey*

Recurrence Patterns Following a Negative Sentinel Lymph Node Biopsy for Merkel Cell Carcinoma PP43-M

Travis Grotz, MD; Richard W. Joseph, MD; Barbara A. Pockaj, MD, FACS; Robert L. Foote, MD; Clark C. Otley, MD; Sanjay P. Bagaria, MD, FACS; Amy L. Weaver; James W. Jakub, MD, FACS. *Mayo Clinic, Rochester, MN*

Sentinel Node Biopsy Under Local Anesthesia: The European Institute of Oncology Experience PP63-M

Francesco Verrecchia, MD; Alessandro Testori, MD; Antonio Intelisano; Elisabetta Pennacchioli. *European Institute of Oncology, Milan, Italy*

Significance of Preoperative Nutritional Assessment for Gastric Cancer Patients with Gastrectomy PP59-M

Katsunobu Sakurai, MD, PhD; Kazuya Muguruma, MD, PhD; Takahiro Toyokawa, PhD; Naoshi Kubo, MD, PhD; Hiroaki Tanaka; Masakazu Yashiro, MD, PhD; Masaichi Ohira, MD; Kosei Hirakawa. *Osaka City University, Japan*

The Expression of Caspase-9 in Colon Mucosa, Adenoma, Cancer, and the Lentivirus Mediated Over-Expression of It in Colon Cancer Cells PP65-M

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The Impact of Endoplasmic Reticulum Stress in Non-Tumor Tissue on Recurrence of Hepatocellular Carcinoma PP37-M

Yusuke Arakawa, MD, PhD; Mitsuo Shimada, MD, FACS; Tohru Utsunomiya, MD, FACS; Satoru Imura, MD, PhD, FACS; Yuji Morine, MD, PhD, FACS; Tetsuya Ikemoto, MD, PhD, FACS; Hiroki Mori, MD, PhD; Mami Kanamoto, MD, PhD; Jun Higashijima; Chie Takasu. *University of Tokushima, Japan*

The Metastasis-Promoting Roles of Extravasated Platelet Aggregation in Pancreatic Cancer and Stroma PP55-M

Tomoharu Miyashita, MD, PhD; Hidehiro Tajima, MD, PhD; Isamu Makino, MD; Histoshi Nakagawara, MD; Hirohisa Kitagawa, MD; Mark D. Duncan, MD, FACS; John W. Harmon; Tetsuo Ohta. *Kanazawa University Hospital, Japan*

The Therapeutic Effect and Mechanism of a Novel Long-Acting, Second-Generation Proteasome Inhibitor (SGPI) in MDA-MB-231 TNBC Cells PP64-M

Dinesh Vyas, MB, BS, FACS; Yixin Tong; B. Jiangjiang; LakshmiShankar Chaturvedi. *Michigan State University, Lansing*

Trends in Lymph Node Examination, Positivity, and Outcomes in Gastric Cancer in the U.S. PP57-M

Benjamin D. Powers, MD; Senthil Jayarajan, MD; Sharven Taghavi, MD, MPH; Chetan Safi; Alliric I. Willis, MD. *Temple University, Philadelphia, PA*

Transplantation

Does Radiofrequency Ablation and Transcatheter Arterial Chemoembolization Affect Recurrence of Hepatocellular Carcinoma after Liver Transplantation? PP1-T

Ali Cheaito. *University of California, Los Angeles*

Novel Technique for Innervated Abdominal Wall Vascularized Composite Allotransplantation: A Multi-Layered Component Separation Approach PP10-T

Vasilios D. Mavrophilipos; Devinver P. Singh, MD; Jeffrey Zapora; Jens Berli, MD; Justin M. Broyles, MD; Jennifer Sabino, MD; E. Bryan Buckingham, MD; John S. Maddox, MD; Rachel Bluebond-Langner; Ronald P. Silverman, MD. *University of Maryland Medical Center, Baltimore*

Parathyroid Allotransplantation PP4-T

Karla L. Leonher, MD; Jose M. Hermosillo, MD; Luis R. Ramirez, MD; Clotilde Fuentes-Orozco, MD; Ruben E. Moran, MD. *El Instituto Mexicano del Seguro Social, Centro Medico Nacional De Occidente, Guadalajara, Mexico*

Predictive Recipient Factors in the Outcome of Pancreas Retransplants: A Retrospective Analysis of 20,720 Cases from the United Network for Organ Sharing Database PP11-T

Thea P. Price, MD; Adam Johnson, MD, MPH; Benjamin E. Leiby, PhD; Cataldo Doria, MD, PhD, FACS. *Thomas Jefferson University Hospitals, Philadelphia, PA*

The Clinical and Economic Impact of Biliary Complications Following Liver Transplantation PP12-T

David J. Taber, PharmD; Arun P. Palanisamy, PhD; Alton Sutter, PhD; Prabhakar K. Baliga, MB, BS, FACS; Kenneth D. Chavin, MD, FACS. *Medical University of South Carolina, Charleston*

Trauma Surgery

Abnormalities in Admission Platelet Count and Function Correlate with Survival following Severe Trauma in Children PP126-M

Robert T. Russell, MD, MPH; Sarah C. Christiaans, MD; Charity J. Morgan; Tate R. Nice, MD; Heather E. Minnich, BSN, MSPH; Vincent E. Mortellaro, MD; Jeffrey D. Kerby, MD, PhD, FACS; Mike K. Chen, MD, FACS; Jean F. Pittet, MD. *University of Alabama, Birmingham*

Blunt Renal Artery Injury Treatment: Changing Perspectives—A National Trauma Data Bank Study PP124-M

Shelby Resnick, MD; Konstantinos Chouliaras, MD; Tobias Haltmeier, MD; Stefano Siboni, MD; Obi Okoye, MD, MRCSI; Kenji Inaba, MD; Demetrios Demetriades, MD, FACS. *Los Angeles County/University of Southern California Medical Center, Los Angeles*

Deep Organ Space Infection after Emergency Bowel Resection and Anastomosis PP130-M

Stefano Siboni, MD; Elizabeth R. Benjamin, MD, PhD; Lydia Lam, MD, FACS; Kenji Inaba, MD; Konstantinos Chouliaras, MD; Demetrios Demetriades, MD, FACS. *Los Angeles County/University of Southern California Medical Center, Los Angeles*

Distinct Patterns of Mortality Among the Injured Elderly: An Opportunity for Improvement of the Processes of Care PP117-M

Fahim A. Habib, MB, BS, FACS; Monica Polcz; Carolina Orbay; Ivan Puente, MD, FACS; Marko Bukur, MD, FACS; Carlos Prays; Rebecca Wiesenfeld; Joe Catino, MD, FACS; Robyn Farrington-Avila, RN, BSN, MBA, HCM; Jaime A. Rodriguez, MD, FACS. *Broward Health Medical Center, Ft. Lauderdale, FL*

Do Level I Trauma Centers Address the Psychological Responses Associated with Trauma? PP111-M

Katherine E. Guess; Raeanna C. Adams, MD, FACS; Oliver L. Gunter, MD. *Vanderbilt University Medical Center, Nashville, TN*

Early Diagnosis of Acute Compartment Syndrome Using Green Light Reflectance Photoplethysmography PP129-M

Haadi T. Shalabi, BM, BS, BMedSci; Emma J. Lincoln, BM, BS, BMedSci; Saggah T. Shalabi, BM, BS, BMedSci; Jeremy Teoh, MSci; John A. Crowe, BEng, DPhil, MA; Barrie Hayes-Gill, BEng, PhD; Don Sharkey, BMedSci, BM, BS, PhD, FRCPCH. *University of Nottingham, U.K.*

Finally Proving the Maxim: Quantifying the Effect of Hemodilution in Prospective Randomized Control Trial with Blood Donation as a Model for Hemorrhage PP125-M

Samuel W. Ross, MD, MPH; A. Britton Christmas, MD, FACS; Peter E. Fischer, MD; Haley E. Holway; Rachel Seymour, PhD; B. Todd Heniford, MD, FACS; Ronald F. Sing, DO, FACS. *Carolinas Medical Center, Charlotte, NC*

Injury Prevention Initiatives for Urban Bicyclists Deserve a Targeted Approach PP128-M

Monica Sethi, MD; Patricia Ayoung-Chee, MD, FACS; Stephen P. Wall, MD, MSc, MAEd; Ronald J. Simon, MD, FACS; S. Rob Todd, MD, FACS; Gary Marshall, MD, FACS; Chad Wilson, MD, FACS; Dekeya R. Slaughter, BScHons; Sally A. Jacko, RN; Spiros G. Frangos, MD. *New York University Medical Center, New York*

Is there a Role for Selective Management in Mesenteric Hematomas? PP112-M

Maria Camila Corzo, MD; Alan D. Murdock, MD, FACS; Louis H. Alarcon, MD, FACS; Juan Carlos Puyana, MD, FACS. *University of Pittsburgh, PA*

Laparoscopic Splenectomy in Isolated Blunt Traumatic Splenic Injury PP116-M

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Lodox Statscanner: Time Is Money PP115-M

Julie A. Dunn, MD, FACS; Hannah Warren, MD, MPH; Beth Jackson, MD; Gavin I. Misner, MD; John Kalbfleisch, PhD. *East Tennessee State University, Johnson City*

Mortality Pattern and Causes of Death: Are They Different in Car Accident Victims? PP123-M

Roman Pfeifer; Sylvia Schick, MD, MPH; Christopher Holzmann; Wolfram Hell; Fank Hildebrand, MD, PhD; Hans-Christoph Pape, MD. *Rheinisch-Westfälische Technische Hochschule Aachen University, Aachen, Germany*

Necessity of Repeat Head CT Scans in Mild Traumatic Brain Injury Patients PP113-M

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Predicting Outcomes of Mild Traumatic Brain Injuries in the National Trauma Data Base PP131-M

Timothy E. Sweeney, MD; Arghavan Salles, MD; David A. Spain, MD, FACS; Kristan Staudenmayer, MD, FACS. *Stanford University, Palo Alto, CA*

Skin Grafting for the Treatment of Enterocutaneous Fistulas PP119-M

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Striking a Balance in Massive Transfusion for Traumatic Brain Injury: Do the Crystalloid to Blood Product Ratios Matter? PP122-M

Adarsh Vijay, MD; Ruben Peralta, MD, FACS; Rafael J. Consunji, MD, MPH; Ayman El Menyar, MD; H. H. Abdelrahman, MD; A. Parchani, MD; Ahmad Zarour, MD; Hassan A. Al Thani, MB, BCh, FACS; Rifat Latifi, MD, FACS. *Hamad Medical Corporation, Doha, Qatar*

The CDC Field Triage Criteria Do Not Accurately Predict the Need for Trauma Team Activation in the Pediatric Population PP132-M

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The Effect of Per-Injury Serotonin Reuptake Inhibitors on Clinical Outcomes in Patients with Traumatic Brain Injury PP118-M

Gagan P. Kaur; Bellal Joseph, MD; Ammar Hashmi, MD; Narong Kulvatunyou, MD, FACS; Terence O'Keefe, MD, MB, ChB; Andrew L. Tang, MD, FACS; Donald Green, MD; Gary A. Vercruysse, MD, FACS; Randall S. Friese, MD, FACS; Peter M. Rhee, MD, FACS. *University of Arizona, Tucson*

The Impact of Resuscitation Strategy on Successful Abdominal Closure Following Damage Control: Further Support for Colloid over Crystalloid PP114-M

Linda Ding, MD. *University of Rochester, NY*

The Progression of Damage Control Resuscitation in Severe Penetrating Trauma: A 14-Year Experience in a Level One Trauma Center PP121-M

Carlos Ordoñez; David Alejandro D. Mejia Toro, MD; Marisol Badiel, MD, MSc, PhD; Michael W. Parra, MD; Cristina Vernaza, MD; Fernando Rodriguez, MD; Luis L. Pino, MD; Fernando Miñan, MD; Alvaro I. Sanchez-Ortiz, MD, PhD; Juan C. Puyana, MD, FACS. *Fundación Valle del Lili, Cali, Colombia*

Transabdominal Wall Traction as a Universal Solution to the Management of Giant Ventral Hernias PP127-M

Andrew J. Dennis, DO; Reza Salabat, MD; Samuel Kingsley, MD; Frederic Starr; Kimberly Joseph, MD; Dorion Wiley; Thomas Messer; Stathis Poulakidas; Kimberly K. Nagy, MD, FACS; Faran Bokhari, MD, FACS. *Cook County Health and Hospital Systems, Chicago, IL*

Volume of Red Blood Cells and Plasma Is Associated with Increased Risk of Venous Thromboembolism in Trauma Patients PP120-M

Greg Magee, MD; Kenji Inaba, MD; Konstantinos Chouliaras, MD; Aaron Strumwasser, MD; Kazuhide Matsushima, MD; Elizabeth R. Benjamin, MD, PhD; Martin A. Schreiber, MD, FACS; Demetrios Demetriades, FACS. *University of Southern California, Los Angeles*

Urology

Contemporary Comparison Between Retropubic Mid-Urethral Sling and Autologous Pubovaginal Sling (PVS) for Stress Urinary Incontinence after the FDA Advisory Warning PP22-M

Stephen Mock, MD; Jonathan Angelle; William Stuart Reynolds, MD, MPH; David J. Osborn; Roger R. Dmochowski, MD, FASC; Alexander Gomelsky, MD. *Vanderbilt University Medical Center, Nashville, TN*

Mini-Open Retropubic Radical Prostatectomy and Continuous Vesico-Urethral Anastomosis: Technical Modifications to Improve Surgical Outcomes and Cost in the Setting of a Developing Country PP19-M

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Outcomes of Genitourinary Injuries during Colorectal Surgery PP20-M

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Preoperative Ventral Hernia Is Predictive of Fascial Dehiscence in High-Risk Cystectomy Patients PP21-M

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Safety and Efficacy of Ureteral Stent Placement at the Bedside Under Local Anesthesia PP23-M

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Utilizing the Dorsal, Cavernosal, and External Pudendal Arteries for Penile Transplantation: Technical Considerations and Perfusion Territories PP24-M

Sami H. Tuffaha, MD; Justin M. Sacks, MD, FACS; Jaimie T. Shores, MD, FACS; Gerald Brandacher, MD; W. P. Andrew Lee, MD; Damon Cooney, MD; Richard J. Redett, MD. *Johns Hopkins Medical Institutions, Baltimore, MD*

Vascular Surgery

Amputation Rates Associated with Revascularization Procedure Choice and Injury Type in Popliteal Artery, Popliteal Vein, Concomitant Popliteal Artery, and Vein Trauma PP5-M

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Balloon Angioplasty for Noninvasive Vascular Lab PP7-M

Arkady Ganelin; Anil P. Hingorani, MD, FACS; Yuriy Ostrozhynskyy; Enrico Ascher, MD, FACS; Borislav Kheyson, MD; Eleanora Iadgarova, RN; Natalie Marks, MD. *Total Vascular Center, Brooklyn, NY*

Calcification Predicts In-Stent Restenosis after Carotid Artery Stenting in High-Risk Patients PP2-M

Kirstyn Brownson; Roland Assi, MD; Penny Vasilas; Bart Muhs; Alan Dardik, MD, PhD, FACS; Michael R. Hall, MD. *VA Connecticut Healthcare System, West Haven*

Effectively Reducing Recurrence of Venous Ulcerations with Radiofrequency Ablation of the Greater Saphenous Vein in Patients with a CEAP Class 5 PP11-M

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Excellent Outcomes following Surgical Intervention in 542 Patients with Thoracic Outlet Syndrome over a Decade PP10-M

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Superior Vena Cava Reconstruction in Patients on Hemodialysis PP6-M

Robert W. Feldtman, MD, FACS; Pablo V. Uceda, MD; Cameron E. Kliner; Kaitlyn E. Egan; Kenneth R. Kollmeyer, MD, FACS; Sam S. Ahn, MD, FACS. *DFW Vascular Group, Dallas, TX*

Surgical Co-Management by Hospitalists after Major Vascular Surgery: Is There Value? PP9-M

I. M. Leitman, MD, FACS; Dahlia Rizk; Allison J. Capossela; Joanna Mecca, MD; Kevin Narag; Valentina Lavarias; Thomas R. Bernik, MD, FACS; Robert Grossi; Christopher B. Mills, MD, FACS; Marty S. Karpeh, Jr., MD, FACS. *Mount Sinai Beth Israel, New York, NY*

The Survival Benefit of Kidney Transplantation in End-Stage Renal Disease Patients with Peripheral Arterial Disease PP4-M

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Updated Meta-Analysis of Femoropopliteal Bypass Grafts for Lower Extremity Arterial Disease PP8-M

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Use of Peak Ankle Velocity to Assess Lower Extremity Arterial Insufficiency PP18-M

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34. American Society of Transplant Surgeons
35. Americas Hepato-Pancreato-Biliary Association
36. Association for Academic Surgery
37. Association for Surgical Education
38. Association of Program Directors in Surgery
39. Association of VA Surgeons
40. Association of Women Surgeons
41. Canadian Association of General Surgeons
42. Central Association of Obstetricians and Gynecologists
43. Central Surgical Association
44. Congress of Neurological Surgeons
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46. Department of the Army
47. Department of the Navy
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50. National Medical Association
51. New England Surgical Society
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55. Society for Clinical Vascular Surgery
56. Society for Pediatric Urology
57. Society for Vascular Surgery
58. Society for Surgery of the Alimentary Tract
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67. Southeastern Surgical Congress
68. Southern Neurosurgical Society
69. Southern Thoracic Surgical Association
70. Southwestern Surgical Congress
71. Surgical Infection Society
72. Triological Society
73. Western Surgical Association
74. Western Thoracic Surgical Association

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Please note we have advised the speakers that it is their responsibility to disclose at the start of their presentation if they will be describing the use of a device, product, or drug that is not U.S. Food and Drug Administration-approved or the off-label use of an approved device, product, or drug, or unapproved usage.

The requirement for disclosure is not intended to imply any impropriety of such relationships, but simply to identify such relationships through full disclosure, and to allow the audience to form its own judgments regarding the presentation.

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Speaker Disclosures

Full Name	Disclosure	Session Code
Nadeem R. Abu-Rustum, MD, FACS	Novadaq: None: Non-paid speaker at meeting	PS104
Jayant P. Agarwal, MD, FACS	Synthes: Grant Funding: PI on breast reconstruction study LifeCell Corp: Grant Funding: PI DSM Biomedical: Grant Funding: Site PI for multicenter phase 1 trial	SF26
Francisco A. Arabia, MD, FACS	Syncardia: Consultant	VE02
Conrad Ballecer	Ethicon: Consulting fee: Consultant Intuitive Surgical: Consulting fee: Consultant	PS109
Amir L. Bastawrous, MD, FACS	Intuitive Surgical: Honoraria: Consultant, proctor	ME115, VE23
Eren Berber, MD, FACS	Ethicon: None at this time: Consultant Aesculap: Honorarium: Consultant	PS301, PS403, SP02, VE01, VE04, VE13, VE14, VE26, VE27
Robin L. Blackstone, MD, FACS, FASMB	Enteromedics: Nothing: PI in FDA "A" trial of a medical device Johnson and Johnson: Honorarium: Consulting	PS200
Joshua A. Broghammer, MD, FACS	American Medical Systems: Consulting Fees: Proctor and Company Consultant	SF08
Darnell J. Brown, MD	LifeCell Corp.: Research Fellowship Scholarship: LifeCell Research Fellow	SF26
Francis P. Buckley, MD, FACS	Covidien: Compensation for proctoring	SP04, SP06
Raphael Bueno, MD, FACS	Siemens: Research grant: Investigator	PS333
Eileen M. Bulger, MD, FACS	Atox Bio Ltd: Consulting income: Consultant	ME213
Joseph C. Carmichael, MD, FACS, FASCRS	Ethicon Endosurgery: Nothing. Funds were donated to Educational Fund; Course instructor	SC09A, SC09B
Bradley J. Champagne, MD, FACS, FASCRS	Covidien: Honorarium: Consultant	DC26, SC09B
Bipan Chand, MD, FACS, FASMB, FASGE	Gore: Honorarium: Consultant Obalon: Honorarium: Consultant Covidien: Honorarium: Consultant	SC02A, SC02B
Michael P. Chapman, MD	Haemonetics: Nothing: Inventor/shared intellectual property	SF21
William C. Chapman, MD, FACS	Novartis Pharmaceuticals: <\$10,000 annually: Speaker's board Pathfinder Therapeutics, Inc.: less than 2 percent stock: Company founder	PS216
Steven L. Chen, MD, MBA, FACS	Medtronic: Stock: Spouse Volcano Corp.: Employment/stock: Spouse Avelas Biosciences: Stock options; cash compensation: Consultant/Advisory board Medtronic: Stock: Spouse	DC12, PS108
William S. Cobb, MD, FACS	Ethicon: Honoraria: Speakers bureau Atrium Medical: Honoraria: Speakers bureau W. L. Gore & Associates: Honoraria, research support: Speakers bureau, consultant	PS109
Giovanni Dapri, MD, PhD, FACS	Karl Storz - Endoskope: Consulting fee: Consultant	VE03, VE22
Elizabeth A. David, MD	Kinetic Concepts, Inc.: Financial Support: Consultant Intuitive Surgical: Educational Training and Support: Surgeon	PS211
Conor P. Delaney, MCh, PhD, FACS, FASCRS	Socrates Analytics: Equity: Founder of healthcare data analytics company Edwards Lifesciences: Nothing: Development of trial Cadence Pharmaceuticals: Honorarium: Lecturer to national salesforce	DC23, PS101, SC09A, SC09B
Justin B. Dimick, MD, MPH, FACS	ArborMetrix, Inc: Co-Founder, Equity owner, Consultant	PS412
Jessica S. Donington, MD, FACS	Olympus Endosurgical: \$1,500: Consultant	PS211
Mark B. Faries, MD, FACS	Genentech, Inc: Consulting Fee: Consultant	PS328, SF13
Liane S. Feldman, MD, FACS, FRCS	ConMed: Unrestricted educational grant: PI Covidien: Center of excellence grant, Fellowship support: Co-PI Ethicon Endosurgery: Investigator-initiated research grant: PI	DC23, PS210
Michael Fischbach, PhD	Warp Drive Bio: SAB member NGM Biopharmaceuticals: SAB member	PS102
David R. Flum, MD, MPH, FACS	Pacira Pharmaceuticals: Salary based on my participation: Consultant Benchmark Medical, LLC: Share in ownership: Consulting/Membership on Advisory Committee Surgical Consulting, LLC: Legal consulting fees: Expert Advisor Patient Centered Outcomes Research Institute: Salary based on my participation: Methodology Committee member Nestle Healthcare Nutrition for Integrating Nutrition Intervention into Surgical Practice - A Process Improvement Project: program support from 1/1/12 - 12/31/13: Director (developed statewide initiative to standardize pre-op decision-making for strong surgical patients.	ME105, PS105, PS411
Yuman Fong, MD, FACS	Covidien: Payment: Scientific advisor Johnson & Johnson: Payment: Scientific advisor	DC13
Kathryn J. Fowler, MD	Bracco Diagnostics: Research support: Primary investigator	PS216

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Patrick B. Garvey, MD, FACS	LifeCell Corp.: Consultant fees: Consultant	PS215
Jeffrey E. Gershenwald, MD, FACS	Merck: Honoraria: Advisory board	PS328
Pier C. Giulianotti, MD, FACS	Intuitive: \$2,000 Honoraria: Speaker/lecturer	PS403
Segundo Gonzalez, MD	MedSights Tech Corp: Equity: Co-founder and shareholder	SF29
Jon C. Gould, MD, FACS	Torax Medical: Consulting fee: Medical Advisory Board	DC18, VE12
Jacob A. Greenberg, MD	Covidien: Honorarium: Consultant Bard-Davol: Honorarium: Consultant	DC18, PS109
Shea C. Gregg, MD, FACS	American College of Surgeons: Honoraria for teaching/course directing: State Faculty	DC25
Geoffrey C. Gurtner, MD, FACS	LifeCell Corp./Kinetic Concepts, Inc.: Hourly rate: Consultant	PS104, SF15
Carin Hagberg, MD	SonarMed: Unpaid Consultant: Consultant Ambu, Inc.: Clinical Research Support and Unpaid Consultant: Clinical Scientist and Consultant King Systems: Clinical Scientist: Karl Storz Endoscopy: Clinical Scientist: Clinical Scientist Cadence Pharmaceuticals: Clinical Research Support: Clinical Scientist	PS330
Daniel M. Herron, MD, FACS	Covidien: Consulting fee: Consultant	ME211, VE01, VE26, VE28
James H. Holmes, MD, FACS	Abbott Labs, AbbVie, Eli Lilly, Hospira: Dividends and capital gains: Stockholder	PS229
Kevin S. Hughes, MD, FACS	5AM Solutions: Stock Options: N/A Hughes RiskApps: N/A: Software Developer Myriad Genetics: Honorarium: Speakers bureau	DC12
Steven R. Hunt, MD, FACS	Cook Medical: Honorarium: Course instructor	PS209
Sayeed Ikramuddin, MD, FACS	Metamodix Inc., Enteromedics: Honorarium and expenses: Consultant Novo Nordisk, Medica, OptumHealth: Honorarium and expenses: Advisory board/expert panel EnteroMedics, Covidien, Reshape Medical, USGI Medical Inc.: Clinical research grants: Principal investigator	PS331
Kamal M.F. Itani, MD, FACS	Davol: Honorarium: Research consultant Merck: N/A: Principal site investigator, research study Cubist: N/A: Principal site investigator, research study Novartis: N/A: Principal site investigator, research study	PS412
Dawn E. Jaroszewski, MD, FACS	Guidepoint Global: \$1,500: Expert opinion panel for support devices	VE02
Steven Jeffery, MB ChB, FRCS	Kinetic Concepts, Inc.: Travel grant to attend conference Smith and Nephew: Travel grant to attend conference	VE24
Gerald H. Jordan, MD, FACS	American Medical System: Consultant	SF08
Paul Krakovitz, MD	Olympus: Consultant	VE18
Marina S. Kurian, MD FACS	Apollo: Honoraria: Proctor	PS200
George M. Kushner, DMD, MD, FACS	Synthes Maxillofacial: Per diem: Consultant/Lecturer	PS404
Mario M. Leitao, Jr., MD, FACOG	Intuitive Surgical: Honoraria and travel reimbursement: Speakers bureau	DC13
Seth P. Lerner, MD, FACS	Bladder Cancer Advisory National: Board member Sitka: Review panel Neuclexx: Review panel Genentech: Review panel Endo, FKD, Tengion, National Cancer Institute: Research activities. Biocancell and Vaxxion: Consultant	PS209
Toby Litovitz, MD	National Electrical Manufacturers Association (NEMA): Grant funding to partially support the National Battery Ingestion Hotline: Director, National Battery Ingestion Hotline	PS213
Sharon S. Lum, MD, FACS	Myriad Genetics: Honorarium: Speakers bureau	DC12, PS208
Jeffrey M. Marks, MD, FACS	Merck: Honoraria: Consultant Olympus: Honoraria: Consultant GI supply: Honoraria: Consultant US Endoscopy: Honoraria: Consultant Apollo Endosurgery: Honoraria: Consultant	SC02A, SC02B, SC07, VE12
Jose M. Martinez, MD, FACS	LifeCell Corp.: Honorarium: Speaker Covidien: Honorarium: Speaker Boston Scientific: Honorarium: Speaker	SC01, SC02A, SC02B
David W. Mathes, MD, FACS	Lifecell Corp.: Consulting fee and travel reimbursement: Consultant	PS103
Robert T. Maxson, MD, FACS	American College of Surgeons: Consultant fee: Verification consultant	PS319
Elisabeth C. McLemore, MD, FACS, FASCRS	Intuitive Surgical: Honorarium: Consulting, speaking/teaching	PS403
W. Scott Melvin, MD, FACS	Ethicon: Honorarium: Consultant Covidien: Institutional grant: PI Stryker Endoscopy: Honorarium: Consultant	PS407, VE04

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Paolo Miccoli, MD	Baxter: Travel fees for participating in America College of Surgeons Meeting 2014: Presenter of the video	VE20
Dean J. Mikami, MD, FACS	Covidien: Honorarium: Speaker, advisor	PS210
John R.T. Monson, MD, FACS	Covidien: Honorarium: Lecturer Intuitive: Honorarium: Consultant Applied Medical: Honorarium: Lecturer	PS230
Anna-Barbara Moscicki,	Gen-Probe: Testing samples for research: PI of research study	PS124
Matthew G. Mutch, MD, FACS	Applied Medical: Stock options: Consultant	PS101, SC07
Avery B. Nathens, MD, FACS	American College of Surgeons: Financial compensation: Consultant	DC20
Peter C. Neligan, MB, BCH, FACS	Elsevier: Royalties: Book editor Quality Medical Publishing (QMP): Royalties: Book editor	PS103
Michael W. Neumeister, MD	Musculoskeletal Transplant Foundation (MTF): Travel Reimbursement and hourly compensation for time spent: Board of Director	PS103
Richard M. Newman, MD, FACS	Intuitive Surgical: \$679.15 travel and lodging: Attended Executive Course for Robotic Surgery	SP09
Peter F. Nichol, MD, PhD, FACS	Abbott Nutrition: Research support for laboratory: Educational speaker MedAware Systems: Stock: Shareholder/Advisor	SF01 ME102
Brant K. Oelschlager, MD, FACS	Torax Medical: Research Funding: PI Endogastric Solutions: Research Funding: PI	
Dennis P. Orgill, MD, PhD, FACS	MTF: Research grant, honoraria: Consultant Kinetic Concepts, Inc.: research grant: Consultant, research grant Integra Lifesciences: Honorarium: Consultant	PS304
Helen A. Pass, MD, FACS	Genentech: Honoraria: Speakers bureau	PS401
Emma J. Patterson, MD, FACS	Apollo: Consulting Fees: Advisory Board Ethicon: Consulting Fees: Consultant	PS200
Eric M. Pauli, MD	Cook: Stipend: Teaching and education	SC02B
Todd A. Ponsky, MD, FACS	Teleflex: Consulting fee: Consultant Stryker Endoscopy: Honorarium: Speaker	VE25
Benjamin K. Poulouse, MD, MPH, FACS	Bard-Davol: Research support: Principal investigator W. L. Gore: Research support: Principal investigator Ariste Medical: Honoraria: Consultant	PS109, SC02A
Mark Puder, MD, FACS	Pronova BASF: Fees for advisory board, sponsored research: Advisory board Licensing agreement with Fresenius Kabi with Boston Children's: Have had dinners with company on plans to get drug approved. Patent awarded in Canada and Australia: Developed treatment using this drug. No royalties to me	PS412
Carla M. Pugh, MD, FACS	CAE Healthcare: Royalties: Inventor	SF29, SP08
David W. Rattner, MD, FACS	Consulting agreement for Olympus Medical: Honorarium: Organizer of symposium	PS100
James B. Ray	Millennium Labs: Honorarium: Speaker's Bureau Cadence Pharmaceuticals: Honorarium: Speaker's Bureau	DC19
Michael J. Reardon, MD, FACS	Medtronic: Consultant	PS402, VE10
James S. Reilly, MD, FACS	Intertek Corporation: Retainer fee \$ 800.00 per month: Consultant of Product Safety on choking hazards	PS213, SC01
David W. Roberts, MD, FACS	Carl Zeiss, Inc.: Research support (equipment); (no personal remuneration): National Institute of Health-funded primary investigator DUSA Pharmaceuticals: Research support (drug); (no personal remuneration): NIH-funded primary investigator Medtronic Navigation, Inc.: Research support (equipment); (no personal remuneration): NIH-funded primary investigator	PS104
Thomas N. Robinson, MD, FACS	Covidien Electrosurgery: Consulting fee: Consultant Medtronics Inc.: Research grant: Principal investigator ConMed Electrosurgery: Honoraria: Teacher Karl Storz Endoscopy: Educational grant: Principal investigator	PS210, PS318, SF25
Eben L. Rosenthal, MD, FACS	NIH: Grant Awardee Novadaq: Grant Awardee	PS104
Raul J. Rosenthal, MD, FACS, FASMB	Ethicon: Educational grant: Department chair Covidien: Educational grant: Department chair Karl Storz Endoscopy: Educational and research grant: Department chair	PS200, SF29, VE28
Merrick I. Ross, MD, FACS	GlaxoSmithKline: Travel expenses and honorarium: Advisory Board Member, Speaker's Bureau AMGEN: Travel expenses and honorarium: Advisory board member Merck: Travel expenses and honorarium: Advisory board member, speakers bureau	PS328
Patrick Ross Jr., MD, PhD, FACS	Pinnacle Biologics: Honoraria and consulting fees: Consultant, speaker bureau, advisory board Intuitive Surgical: Honoraria and consulting fees: Consultant, speaker bureau	PS211

Full Name	Disclosure	Session Code
James C. Rosser, Jr., MD, FACS	Stealth Learning Company: Nothing: Chief Executive Officer	PS326
John S. Roth, MD, FACS	Bard: Grant support: PI	SP20
Steven S. Rothenberg, MD, FACS, FAAP	Storz Endoscopy: Consulting fee: Consultant Justright Surgical: Consulting fee: Consultant	VE25
Jaime E. Sanchez, MD	Covidien: Honoraria: Proctor Applied Medical: Honoraria: Proctor	SC01
Hani Sbitany, MD	LifeCell, Corp.: Speaker's Bureau	DC12, PS221
Marc L. Schermerhorn, MD, FACS	Cordis: Consulting Fee: Clinical Events Committee member Endologix: Consulting Fee: Data and Safety Monitoring Board and Clinical Events Committee member	PS217
Anthony J. Senagore, MD, FACS	Ethicon Endosurgery: Honoraria: Advisory board Cubist Pharmaceutical: Speaker advisory board	DC23, DC26, SC09A, SC09B
Christopher K. Senkowski, MD, FACS	The Reimbursement Group: \$4,000: Advisor to correct coding Daval: \$6,000: Educational Speaker	DC17, PS305
Rahul K. Shah, MD, FACS	Hippomsg: Own about 35 percent of the privately help company: Co-founder of this secure healthcare messaging platform	DC19
Murray L. Shames, MD, FACS	Medtronic: Honoraria: Speaking and teaching Gore Medical: Honoraria: Speaking and teaching	VE21
Bo Shen, MD	Abbvie: Honorarium: Speaker Jassen: Honorarium: Consultant Aptalis: Honorarium: Consultant	PS126
Marc A. Singer, MD, FACS	Olympus: Consulting fee: Consultant	SC07
Devinder P. Singh, MD	LifeCell Corp. and Kinetic Concepts, Inc.: Consultant	PS109
Steven C. Stain, MD, FACS	United Health Care Gastrointestinal Advisory Board: Honorarium: Advisory board	PS410
Michael J. Stamos, MD, FACS, FASCRS	Ethicon: Grant Support/Consulting fees/ Honorarium: Consultant/Instructor Olympus: Consulting fees/ Honorarium: Consultant/instructor	ME312, SC09A
Scott R. Steele, MD, FACS, FASCRS	Ethicon Endosurgery: Honorarium: Course instructor for laparoscopic colectomy	DC18-1, DC23, DC26, PS230, SC09A, SC09B
Sharon L. Stein, MD, FACS, FASCRS	Covidien: Honorarium/instructor fees: Speaker/instructor/advisor	SC07, SC09B
John M. Sullivan, MD, FACS	Baylor Surgicare at Ennis: Distribution of Dividends, Medical Directorship fees monthly: President, CEO, Chairman of Board General and Vascular Surgery of Ennis, PA: I am employed by my own PA: President, CEO, Owner of solo practice	PS212
Lee L. Swanstrom, MD, FACS	Aponos: Stock options: Advisory board Cardica: Stock options: Advisory board Fractyl: Nothing: Advisory board Olympus: Research/education support Transenteryx: Stock options: Advisory board Endogastri Solutions: Nothing: Advisory board	SC02A, SC02B, VE06
Samuel Szomstein, MD, FACS	Covidien: Honoraria: Consultant Ethicon Endosurgery: Honoraria: Consultant	PS123
David J. Terris, MD, FACS	Johnson & Johnson: Honorarium: Director, Thyroid Course	VE18
Julie K. Marosky Thacker, MD, FACS, FASCRS	Consulting Agreement, Premier Data Management: consulting fee: consultant, subject matter expert	DC23
Shelly D. Timmons, MD, PhD, FACS, FAANS	AO Neuro: Honorarium: Faculty member at resident teaching course	NL03, PS324
Thomas K. Varghese, Jr., MD, FACS	Pacira Pharmaceuticals: Grant support: Principal Investigator Nestle Healthcare Institute: Grant support: Principal Investigator	ME306, PS228, PS411, SF01, SF30
Daniel von Allmen, MD, FACS	Suturease: Minor investor: Minor Investor	PS311
Andrew R. Watson, MD, FACS	Center for Connected Medicine: Salary support	SC06
Steven D. Wexner, MD, PhD(Hon), FACS, FRCS, FRCS(Ed)	Novogi: Royalties/Inventor's income: Intellectual property license Novogi: Consulting fees and stock options: Consulting Novadaq: Consulting fees: Consultant WL Gore: Institutional research grant support: Investigator Lifebond: Consulting fees and stock options: Consultant Karl Storz Endoscopy: Consulting fees and royalty income: Consultant and intellectual property license	ME114, PS101, SC09A, SC09B
Richard L. Whelan, MD, FACS, FASCRS	Olympus Corporation: Speaker, consultant and PI. Educational grant and equipment/product for research	SC07
Lee Woodruff White, PhD	CSATS, Inc.: Part-ownership, no monetary benefit, and advisor	SP08
Lee G. Wilke, MD, FACS	Institutional PI for an SBIR grant (1R43CA173938-01): I receive Salary support as the PI (less than \$9,000): Institutional PI for a clinical trial evaluating an intraoperative margin assessment device by LumaMed Patent PCT/US2007/007586 - Intraoperative margin assessment: Nothing; this patent has not been licensed: Patent owner	DC20, ME311, PS104

Full Name	Disclosure	Session Code
Eric B. Wilson, MD, FACS	Intuitive Surgical: Consulting fee: Speaker	PS403
Steven E. Wolf, MD, FACS	Merck: Royalty: Chapter Author Elsevier: Salary: Editor-in-Chief, BURNS Novartis: Study funding: Site investigator Up-to-Date: Royalty: Chapter author	DC25, PS229
Sherry M. Wren, MD, FACS	Intuitive Surgical: Honorarium: Consultant	DC13, DC20
Kyle Wu, MD	Partial patent owner: Co-Inventor	SF29
D. Mark Zebley, MD, FACS, FASCRS	Olympus: Financial reimbursement: Consultant	SC07
Michael E. Zenilman, MD, FACS	Champions in Oncology: Stock options: Consultant	SF25, SP08
Zhong Zheng, PhD	University of California Los Angeles: Inventor on fibromodulin-related patent Scarless Laboratories Inc.: Founder	SP06

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Program Committee of the American College of Surgeons

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The American College of Surgeons Professional Association (ACSPA) is an affiliated not-for-profit corporation founded by the ACS Board of Regents in 2002 to develop new products and services to benefit surgeons and their patients. An initial and major component of ASCPA's efforts is the formation of a political action committee (PAC) that works to improve the legislative and regulatory climate in which surgeons practice.

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 Danny R. Robinette, MD, FACS, *Fairbanks, AK*
 Chad A. Rubin, MD, FACS, *Columbia, SC*
 Mika N. Sinanan, MD, PhD, FACS, *Seattle, WA*
 Michael Sutherland, MD, *Whitehall, AR*
 Alex B. Valadka, MD, FACS, *Austin, TX*
 Clarence B. Watridge, MD, FACS, *Memphis, TN*

STAFF: Sara Morse, *Washington, DC*

Committee for Metabolic and Bariatric Surgery

The American College of Surgeons (ACS) and the American Society for Metabolic and Bariatric Surgery (ASMBS) combined their respective metabolic and bariatric surgery accreditation programs into a single unified program to achieve one national accreditation standard for metabolic and bariatric surgery centers, the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP). MBSAQIP works to advance safe, high-quality care for bariatric surgical patients through the accreditation of metabolic and bariatric surgical centers. A metabolic and bariatric surgical center achieves accreditation following a rigorous review process during which it proves that it can maintain certain physical resources, human resources, and standards of practice. All accredited centers report their outcomes to the MBSAQIP database.

The Committee for Metabolic and Bariatric Surgery (CMBS) was established to provide support, guidance, and clinical expertise to the MBSAQIP. Membership is composed of Fellows of the ACS and/or the ASMBS.

CMBS CO-CHAIRS:

Ronald Clements, MD, FACS, *Nashville, TN*
 John Morton, MD, MPH, FACS, FASMBS, *Mentlo Park, CA*

The CMBS includes three subcommittees related to the major aspects of the MBSAQIP: Standards; Data Registry and Reporting; and Verification. The co-chairs of the subcommittees comprise the CMBS.

STANDARDS SUBCOMMITTEE

CO-CHAIRS:

Wayne English, MD, FACS, *Marquette, MI*
 Ramsey Dallal, MD, FACS, FASMBS, *Elkins Park, PA*

MEMBERS:

Edward Felix, MD, FACS, *Fresno, CA*
 William Inabnet III, MD, FACS, *New York, NY*
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 Karen Schultz, RN, MSN, CBN, *Cleveland, OH*

DATA REGISTRY AND REPORTING SUBCOMMITTEE

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 Bruce Wolfe, MD, FACS, FASMBS, *Portland, OR*

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 Marina Kurian, MD, FACS, *New York, NY*
 Samer Mattar, MD, FACS, FRCSC, FASMBS, *Portland, OR*
 Emma Patterson, MD, FACS, FRCSC, *Portland, OR*
 Aurora Pryor, MD, FACS, *Stony Brook, NY*
 Daniel Smith, MD, FACS, *Jacksonville, FL*
 Stephen Wohlgenuth, MD, FACS, FASMBS, *Norfolk, VA*

STAFF:

Clifford Y. Ko, MD, MS, MSHS, FACS, FASCRS, *Chicago, IL*
 Karen Richards, *Chicago, IL*
 Teresa Fraker, MS, BSN, RN, *Chicago, IL*

Standing Committees of the American College of Surgeons

Accreditation Review Committee

The Accreditation Review Committee consists of fellows of the College who have expertise in various aspects of skills education and training, in addition to directing their own centers. The members of the Committee are appointed by the College and will serve a term of three years, with an option for reappointment for a second three year term. The Committee meets twice a year to make accreditation decisions. In addition, as needed, the Committee will evaluate the effectiveness of the overall ACS Program for the Accreditation of Education

Institutes. The purpose of the Accreditation Review Committee is to review the data and information submitted in the application, and gathered from the site surveys. The Accreditation Review Committee will make the overall accreditation decision, determining whether or not an institution that submits an application meets the criteria for accreditation as a Comprehensive or Focused Institute.

CHAIR: Robert V. Rege, MD, FACS, *Dallas, TX*

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Mitchell H. Goldman, MD, FACS, *Knoxville, TN*
Ted A. James, MD, FACS, *Burlington, VT*
Kevin J. Lachapelle, MD, FACS, *Montreal, QC*
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Glen H. Tinkoff, MD, FACS, *Newark, DE*
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CONSULTANTS:

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Mark W. Bowyer, MD, FACS, *Fairfax, VA*
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Adrian E. Park, MD, FACS, *Annapolis, MD*
Karim Qayumi, MD, PhD, FRCSC, *Vancouver, BC*
Richard M. Satava, Jr., MD, FACS, *Seattle, WA*
Lelan F. Sillin, MD, MSED, FACS, *Burlington, MA*

Commission on Cancer

Established by the American College of Surgeons in 1922, the multidisciplinary Commission on Cancer (CoC) establishes standards to ensure quality, multi-disciplinary, and comprehensive cancer care delivery in health care settings; conducts surveys in health care settings to assess compliance with those standards; collects standardized data from CoC-accredited health care settings to measure cancer care quality; uses data to monitor treatment patterns and outcomes and enhance cancer control and clinical surveillance activities, and develops effective educational interventions to improve cancer prevention, early detection, cancer care delivery, and outcomes in health care settings. Commission membership comprises 102 individuals who are either surgeons representing the College or member organization representatives from the 51 national, professional organizations affiliated with the Commission. The activities of the Commission are coordinated through the Accreditation, Advocacy, Cancer Liaison, Education, Executive, Member Organization Steering, Nominating, and Quality Integration Committees.

CHAIR: Daniel P. McKellar, MD, FACS, *Greenville, OH*

LIAISONS:

Nancy N. Baxter, MD, FACS, *Toronto, ON*
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Al B. Benson III, MD, *Chicago, IL*
David H. Berger, MD, MHCM, FACS, *Houston, TX*
David N. Bimston, MD, FACS, *Hollywood, FL*
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Sam S. Chang, MD, FACS, *Nashville, TN*
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Charles Erlichman, MD, FRCPC, FACP, *Rochester, MN*
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Benjamin E. Greer, PhD, MD, *Seattle, WA*
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Heidi Nelson, MD, FACS, *Rochester, MN*
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Ruth Rechis-Oelker, *Austin, TX*
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Rowena M. Schwartz, PharmD, BCOP, *The Woodlands, TX*

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Kim Thiboldeaux, *Washington, DC*
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Virginia Vaitones, MSW, OSW-C, *Rockport, ME*
Susan Van Loon, RN, CTR, *Voorhees, NJ*
Maria Velez, MD, FAAP, *New Orleans, LA*
Lynne I. Wagner, PhD, *Chicago, IL*
Paul E. Wallner, DO, FACR, FASTRO, *Bethesda, MD*
William H. Ward, Jr., MD, *Suffolk, VA*
Joan L. Warren, RN, PhD, *Bethesda, MD*
Scott Weissman, MS, CGC, *Evanston, IL*
Richard C. Wender, MD, *Atlanta, GA*
Nina Wendling, *Silver Spring, MD*
Julia R. White, MD, *Columbus, OH*

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 Col Brad E. Waddell, MD, FACS, *Bangor, ME*
 Steven D. Wexner, MD, FACS, *Weston, FL*
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 Sandra L. Wong, MD, MS, FACS, *Ann Arbor, MI*
 Douglas E. Wood, MD, FACS, *Seattle, WA*
 Stephen C. Yang, MD, FACS, *Baltimore, MD*

EX OFFICIO:

Lisa Bailey, MD, FACS, *Oakland, CA*
 Ahmedin Jemal, PhD, *Atlanta, GA*
 Rachael King, *Paducah, KY*
 Joseph Lipscomb, PhD, *Atlanta, GA*
 Tenbroeck Smith, MA, *Atlanta, GA*
 Christopher M. Pezzi, MD, FACS, *Abington, PA*
 Stephanie Van Winkle, *Atlanta, GA*
 David J. Winchester, MD, FACS, *Evanston, IL*

STAFF:

David P. Winchester, MD, FACS, *Chicago, IL*
 Asa Carter, *Chicago, IL*
 Lynda Watt, *Chicago, IL*

Committee on Diversity Issues

The mission of the Committee on Diversity Issues is to study the educational and professional needs of underrepresented surgeons and surgical trainees and the impact that its work may have on the elimination of health disparities among diverse population groups. To this end, the Committee seeks recognition and support from the ACS through the College's mission policies and programs.

CHAIR: Anthony G. Charles, MB, BS, FACS, *Chapel Hill, NC*

VICE-CHAIR: Mallory Williams, MD, FACS, *Toledo, OH*

MEMBERS:

Karyn L. Butler, MD, FACS, *Hartford, CT*
 Zara Cooper, MD, FACS, *Roxbury, MA*
 Nestor F. Esnaola, MD, FACS, *Philadelphia, PA*
 Amelia C. Grover, MD, FACS, *Richmond, VA*
 David G. Jacobs, MD, FACS, *Matthews, NC*
 Juan J. Nogueras, MD, FACS, *Parkland, FL*
 Adeyemi A. Ogunleye, MB, BS, *Bronx, NY*
 Juan A. Sanchez, MD, FACS, *Baltimore, MD*
 Ponnandai Sadasivan Somasundar, MB, BS, FACS, *East Greenwich, RI*

STAFF:

Patricia L. Turner, MD, FACS, *Chicago, IL*
 Connie Bura, *Chicago, IL*

Committee on Education

The Committee on Education provides the overall direction, guidance, and coordination for the spectrum of educational activities of the ACS and comprehensively addresses the needs of various learners, including practicing surgeons, surgery residents, Fellows, and medical students, at the various stages in their professional development and from across the surgical disciplines.

CHAIR: Julie A. Freischlag, MD, FACS, *Sacramento, CA*

MEMBERS:

Reid B. Adams, MD, FACS, *Charlottesville, VA*
 Andre R. Campbell, MD, FACS, *San Francisco, CA*
 William B. Inabnet III, MD, FACS, *New York, NY*
 Thomas M. Krummel, MD, FACS, *Stanford, CA*
 Rebecca M. Minter, MD, FACS, *Ann Arbor, MI*
 Valerie W. Rusch, MD, FACS, *New York, NY*
 Douglas L. Wooster, MD, FACS, *Toronto, ON*

STAFF:

Patrice Gabler Blair, MPH, *Chicago, IL*
 Katie Jacob, *Chicago, IL*
 Linda Lupi, *Chicago, IL*
 Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*

Committee on Emerging Surgical Technology and Education

The Committee on Emerging Surgical Technology and Education studies the implications of emerging surgical technologies and suggests the best methods of developing generic policies that will accelerate education in this area and protect our patients' welfare.

CHAIR: Thomas M. Krummel, MD, FACS, *Stanford, CA*

VICE-CHAIR: John L. D. Atkinson, MD, FACS, *Rochester, MN*

MEMBERS:

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 Peter J. Fabri, MD, FACS, *Tampa, FL*
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 Osama Hamed, MB, BS, *Amman, Jordan*
 Joann M. Lohr, MD, FACS, *Cincinnati, OH*

David M. Mahvi, MD, FACS, *Chicago, IL*
 Brendan C. Visser, MD, FACS, *Stanford, CA*
 EX OFFICIO: Carlos A. Pellegrini, MD, FACS, FRCSI(Hon),
Seattle, WA

STAFF LIAISONS:

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*
 Patrice Gabler Blair, MPH, *Chicago, IL*

Committee on Ethics

The Committee on Ethics provides the Board of Regents with a means for deliberation and preparation of ethical issues that the College may address.

CHAIR: Mark C. Weissler, MD, FACS, *Chapel Hill, NC*

MEMBERS:

Peter Angelos, MD, PhD, FACS, *Chicago, IL*
 Karen J. Brasel, MD, MPH, FACS, *Milwaukee, WI*
 Alberto Raul Ferreres, MD, FACS, *Buenos Aires, Argentina*
 Henri R. Ford, MD, FACS, *Los Angeles, CA*
 Richard B. Fratiante, MD, FACS, *Cleveland, OH*
 Wayne A. I. Frederick, MD, FACS, *Washington, DC*
 Enrique Hernandez, MD, FACS, *Philadelphia, PA*
 Raymond F. Morgan, MD, FACS, *Charlottesville, VA*
 Richard B. Reiling, MD, FACS, *Charlotte, NC*
 Margaret L. Schwarze, MD, FACS, *Madison, WI*
 Mark Siegler, MD, FACP, *Chicago, IL*
 Eric A. Singer, MD, MA, *New Brunswick, NJ*

STAFF LIAISON:

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*
 Patrice Gabler Blair, MPH, *Chicago, IL*

Committee for the Forum on Fundamental Surgical Problems

The Committee for the Forum on Fundamental Surgical Problems selects abstracts for the Owen H. Wangenstein Forum on Fundamental Surgical Problems.

CHAIR: O. Joe Hines, MD, FACS, *Los Angeles, CA*
 VICE-CHAIR: Mary T. Hawn, MD, FACS, *Birmingham, AL*

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 Justin B. Dimick, MD, FACS, *Ann Arbor, MI*
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 Peter K. Henke, MD, FACS, *Ann Arbor, MI*
 Kelly K. Hunt, MD, FACS, *Houston, TX*
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 Jeffrey B. Matthews, MD, FACS, *Chicago, IL*
 Babak J. Mehrara, MD, FACS, *New York, NY*
 Frederick A. Moore, MD, FACS, *Gainesville, FL*
 Michael S. Mulligan, MD, FACS, *Seattle, WA*
 Dennis P. Orgill, MD, PhD, FACS, *Boston, MA*
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Raj S. Pruthi, MD, FACS, *Chapel Hill, NC*
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 William C. Welch, MD, FACS, *Philadelphia, PA*
 Michael E. Zenilman, MD, FACS, *Bethesda, MD*

STAFF LIAISONS:

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*
 Kathryn L. Matousek, *Chicago, IL*

Comprehensive Communications Committee

The Comprehensive Communications Committee helps formulate communications messaging to target the existing and evolving audiences that the College needs to reach. These audiences include our members, the public-at-large, policymakers, major corporations, the health care industry, and so on. The members of the committee provide input regarding all communication tools (print, Web, blast e-mail, video, social media). One of the main goals of this effort is to achieve consistent messaging for all College programs and initiatives, such as ATLS®, CoC, ACS NSQIP®, health policy and advocacy, the Inspiring Quality initiative, and other ACS programs.

CHAIR: Marshall Z. Schwartz, MD, FACS, *Philadelphia, PA*

MEMBERS:

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 Felix Y. Lui, MD, FACS, *New Haven, CT*
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 Kenneth W. Sharp, MD, FACS, *Nashville, TN*
 Howard M. Snyder III, MD, FACS, *Philadelphia, PA*
 Lance E. Stuke, MD, FACS, *New Orleans, LA*
 Mark C. Weissler, MD, FACS, *Chapel Hill, NC*

STAFF LIAISON: Lynn Kahn, *Chicago, IL*

EX-OFFICIO: David B. Hoyt, MD, FACS, *Chicago, IL*

General Surgery Coding and Reimbursement Committee

Formerly called the CPT/RUC Committee, the General Surgery Coding and Reimbursement Committee represents and acts in the interests of general surgeons and their clinical practices regarding regulatory, legislative, and other issues that impact coding, billing, and reimbursement for general surgical services.

CHAIR: Chad A. Rubin, MD, FACS, *Columbia, SC*
 VICE-CHAIR: Linda M. Barney, MD, FACS, *Dayton, OH*

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 Albert Bothe, Jr., MD, FACS, *Danville, PA*

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 Michael J. Sutherland, MD, FACS, *Pine Bluff, AR*
 Robert M. Zwolak, MD, FACS, *Lebanon, NH*

STAFF LIAISONS:

Vinita Ollapally, *Washington, DC*

Health Information Technology Committee

CHAIR: Andrew R. Watson, MLitt, MD, FACS, *Pittsburgh, PA*

LIAISON: Ellen Thomason Farrokhi, MD, MPH, FACS, *Seattle, WA*

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 Allan Okrainec, MD, FACS, *Toronto, ON*
 Todd A. Ponsky, MD, FACS, *Akron, OH*
 Archana Ramaswamy, MD, FACS, *Minneapolis, MN*
 Patrick R. Reardon, MD, FACS, *Houston, TX*
 Steven S. Rothenberg, MD, FACS, *Denver, CO*
 Carter T. Smith, MD, *Madison, WI*
 Kiran K. Turaga, MB, BS, FACS, *Milwaukee, WI*
 Erik G. Van Eaton, MD, FACS, *Seattle, WA*
 Danielle Saunders Walsh, MD, FACS, *Greenville, NC*
 Mark C. Weissler, MD, FACS, *Chapel Hill, NC*
 George Chun-Hei Wu, MD, *Seattle, WA*
 Michael W. Yeh, MD, FACS, *Los Angeles, CA*

STAFF LIAISONS

Howard Tanzman, *Chicago, IL*
 Patti Anderson, *Chicago, IL*

Health Policy Advisory Council

The Health Policy Advisory Council is responsible for fostering an extensive grassroots advocacy network throughout the Fellowship of the College. Councilors are expected to develop expertise on legislative, political, and regulatory issues in order to serve as a two-way communication pathway between Fellows at-large and the Division of Advocacy and Health Policy, and to mentor future members of other health care committees.

CHAIR: Charles D. Mabry, MD, FACS, *Pine Bluff, AR*

VICE-CHAIR: Howard M. Snyder III, MD, FACS, *Philadelphia, PA*

MEMBERS:

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 Ronald Ian Gross, MD, FACS, *Springfield, MA*
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 Jay A. Johannigman, MD, FACS, *Cincinnati, OH*
 Albert Man-Chung Kwan, MD, FACS, *Clovis, NM*
 Amy E. Liepert, MD, *Madison, WI*
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 Thomas E. Reeve III, MD, FACS, *Carrollton, GA*
 Leonard J. Weireter, Jr., MD, FACS, *Norfolk, VA*

STAFF LIAISON:

Sara Morse, *Washington, DC*

Health Policy and Advocacy Group

The purpose of the Health Policy and Advocacy Group is to identify public policy issues and concerns affecting surgeons and our patients; prioritize these issues and concerns; identify those that the ACS should focus its attention and resources on, and recommend these priorities to the Board of Regents; develop action plans for addressing these issues, including recommending positions and initiatives the College should adopt; expand and monitor mechanisms by which the ACS makes surgeons, our patients, and the public aware of our health policies and agendas; and develop and maintain mechanisms by which legislative and regulatory issues can be addressed in a timely and effective manner.

CHAIR: Michael J. Zinner, MD, FACS, *Boston, MA*

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 H. Randolph Bailey, MD, FACS, *Houston, TX*
 James C. Denny III, MD, FACS, *Columbia, MO*
 Anthony D. Dippolito, MD, MBA, FACS, *Bethlehem, PA*
 James K. Elsey, MD, FACS, *Lawrenceville, GA*
 Dinakar Golla, MD, FACS, *Pittsburgh, PA*
 Paul M. Jeziorczak, MD, *Milwaukee, WI*
 Robert R. Lorenz, MD, FACS, *Cleveland, OH*
 Charles D. Mabry, MD, FACS, *Pine Bluff, AR*
 John G. Meara, MD, FACS, *Boston, MA*
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 Marshall Z. Schwartz, MD, FACS, *Philadelphia, PA*
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International Relations Committee

To develop relationships and partnerships between the College, international surgeons, and international surgical and other health care organizations to address issues of surgical practice, education, research, advocacy, and leadership with the aim of achieving and safeguarding appropriately high standards of clinical care, access, safety, and quality improvement for surgery worldwide.

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Legislative Committee

The Legislative Committee is responsible for identifying, evaluating, and recommending positions on federal legislation and policy issues that come before the U.S. Congress with the potential to affect the needs, interests, and roles of surgeons and surgical patients.

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Committee on Medical Student Education

The Committee on Medical Student Education's mission is to comprehensively address the educational needs in surgery for medical students during all four years of medical school, to support educational efforts that facilitate the transition from medical school to residency training, and to facilitate the involvement of medical students in the educational activities of the ACS.

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Committee on Optimal Access

The ACS Committee on Optimal Access takes the position that there is an irrefutable association between the incidence of and outcomes from a host of surgical diseases and the many barriers (real and artificial) to access to care.

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Patient Education Committee

The Patient Education Committee works to improve the quality of patient care and promote patient safety through educational efforts that recognize patients as integral members of the surgical team. The committee aims to help patients and their significant others become thoroughly informed about their operation, provide evidence to guide them in their decisions, and empower them with the knowledge and skills necessary to participate in their surgical care and continued post-operative care upon discharge.

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Committee on Perioperative Care

The Committee on Perioperative Care (CPC) serves as the primary resource to the College, the profession, the community, and the government on topics concerning perioperative care. The mission of the CPC is to develop and present information and recommendations related to education, technology, standards of care, clinical and facilities management, and assessment of outcomes.

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Committee on Resident Education

The Committee on Resident Education comprehensively addresses the educational needs of surgical residents and Fellows from across the surgical disciplines and supports the educational efforts to facilitate the transition from medical school to residency training and from residency training into surgical practice.

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Resident and Associate Society (RAS-ACS)

The RAS-ACS serves to familiarize surgical residents and young surgeons with the ACS and its programs and the value of being a Fellow. The RAS-ACS provides opportunities for the opinions and concerns of residents and young surgeons to be heard by the ACS leadership. The RAS-ACS provides an avenue for participation in ACS affairs and promotes the development and use of leadership skills in organized surgery.

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The Scholarships Committee promotes and administers the ACS research scholarships, fellowships, and awards.

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The mission of the Advisory Committee is to produce and administer the Surgical Education and Self-Assessment Program (SESAP®) and to aid surgeons in attaining and maintaining the high-level of knowledge and understanding necessary to provide optimal patient care.

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The Surgical Research Committee is concerned with, and represents the College in, matters that address the progress of academic surgery and the funding, content, and direction of surgical research as it pertains to improving the care of patients.

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Committee on Trauma

The mission of the Committee on Trauma is to improve all phases of the management of the injured patient including pre-hospital care and transportation, hospital care, and rehabilitation; to prevent injuries in the home, in industry, on the highway, and during participation in sports; to establish and implement institutional and systems standards for care of the injured; to provide education to improve trauma care; and to cooperate with other national organizations with similar objectives.

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Women in Surgery Committee

The mission of the Women in Surgery Committee is to enable women surgeons of all ages and practice types to develop their individual potential as professionals; promote an environment that fosters inclusion, respect, and success; develop, encourage and advance women surgeons as leaders; and provide a forum and networking opportunities to enhance women's surgical career satisfaction.

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Young Fellows Association

The Young Fellows Association serves as an inclusive organization for Young Fellows (45 years old and younger); provides opportunities for Young Fellows to be involved with College activities (four Workgroups are available: Advocacy, Communications, Education, and Member Services); plans and conducts an annual Leadership Conference, which is held in conjunction with the Advocacy Summit; and presents an annual forum during the Clinical Congress so that Young Fellows have opportunities to network with each other, to share their concerns, and to meet with members of the College's leadership.

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Index of Program Participants

A

- Abadeer, Maher 90
 Abbas, Abbas E. 53
 Abbas, Maher A. . . 49, 145, 147, 162
 Abbott, Andrea M. 112
 Abbott, Daniel E. 116, 139, 172
 Abcarian, Herand 66
 Abdelgadir Adam, Mohamed . . 130
 Abdel-Naby, Ramy. 133
 Abdelrahman, H. H. 169, 178
 Abdelrahman, Tarig 106
 Abdelsattar, Zaid. 126, 142
 Abdemur, Abraham. 151
 Abdullah, Fizan 131
 Abe, Kyohei 166
 Abe, Yuta 166
 Abel, E. Jason 132, 151
 Abman, Steve H. 118
 Aboagye, Jonathan 110, 160
 Abolbashari, Mehran 128
 Abolhoda, Amir 143
 Abood, Gerard J. 57, 167
 Aboushwareb, Tamer 128
 Aboutanos, Michael B. 118
 Abou-Zamzam, Ahmed M. 85
 Abrantes, Ana M. 166
 Abreu, Francis M. 138
 Abt, Nicholas B. 129
 Abu Rustum, Nadeem R. 69
 Abualhassan, Nasser 113
 Abulfaraj, Moaz 105
 Abunnaja, Salim S. 140
 Acker, Shannon N. 118
 Ackermann, Maximilian . . 136, 140
 Acosta, Geylor A. 153, 157
 Acosta-Leyva, Jesus A. 168
 Adachi, Tomohiko. . . 109, 159, 165, 166
 Adams, Andrew J. 120
 Adams, Charles A., Jr. 134
 Adams, Peter D. 129, 137
 Adams, Raeanna C. 177
 Adams, Reid B. 60
 Adams, Sasha D. 137
 Addington, Stephen 118
 Adler, Joel T. 110, 128
 Admire, John R. 120
 Adonna, Tommaso 169
 Adrales, Gina L. 164
 Adusumilli, Prasad 116
 Afaneh, Cheguevara 135
 Afshari, Ashkan 90
 Aftab, Muhammad 144
 Afthinos, John N. 150, 164
 Agarwal, Jayant P. 138
 Agarwal, Shailesh 170
 Agarwal, Siddarth 152
 Agarwal, Suresh 126, 142
 Aggarwal, Rajesh. 62, 134, 174
 Agha, Riaz A. 170
 Agnese, Doreen M. 70
 Agopian, Vatche G. 132
 Agresta, Ferdinando 164
 Agrogiannis, Georgios 123
 Agrusa, Christopher J. 123, 136
 Aguiar, Livia. 153, 156
 Ahmad, Arshad 161
 Ahmad, Hassan 151, 163, 168
 Ahmad, Hira. 155
 Ahmad, Mueen 151
 Ahmad, Syed A. 73, 172
 Ahmed, Bestoun H. . . 145, 146, 149, 155
 Ahmed, Rami. 134
 Ahn, Sam S. 179
 Aho, Jonathon 164
 Ahuja, Nita 120, 167
 Ahuja, Vanita 108, 119, 174
 Aigbe, Aitebureme 142
 Aiko, Satoshi 166
 Ailawadi, Gorav 123
 Aiolfi, Alberto 153
 Ajani, Jaffer 130
 Ajmal, Saad 90
 Ajoodhea, Harsha 153, 156
 Akdemir, Kadir C. 127
 Akhter, Shahab A. 136
 Akimoto, Shunsuke. 113
 Akin, Mehmet L. 161, 176
 Akoni, Olufunke M. 113
 Aksoy, Erol 143, 156
 Akyuz, Muhammet . . 106, 143, 149, 150, 156, 160
 Al Harakeh, Ayman 90
 Al Hassani, Ammar 154
 Al Qurashi, Turki A. 178
 Al Sannaa, Ghadah A. 127
 Al Thani, Hassan A. . . 154, 169, 178
 Alaedeen, Diya I. 47, 115
 Alam, Hasan B. 115, 124, 134
 Alander, Dirk H. 112, 168
 Alarcia, Gustavo C. 135
 Alarcon, Louis H. 178
 Alarhayem, Abdul Q. 90
 Alav, Karim. 116
 Alawadi, Zeinab. 142
 Alazawi, Ahmed M. 169
 Albadawi, Hassan 110
 Alban, Rodrigo F. 158
 Albanese, Craig T. 131
 Albano, Nicholas J. . . 111, 138, 170
 Albeldawi, Mazen 159
 Albert, Matthew R. 144
 Albuquerque, Francisco C. . . 179
 Aldape, Diana 148
 Alemayehu, Hanna 155
 Alexandrino, Henrique. 167
 Alfaras-Melainis,
 Konstatinos 148
 Alfonso, Antonio E. 133, 173
 Alfonso-Cristancho,
 Rafael 115, 142
 Algeri, Ruben D. 174
 Alhefdi, AMal. 127
 Ali, Noaman 150
 Ali, Syed T. 119
 Ali, Wahid. 167
 Aliano, Kristen. 169, 178
 Aliyev, Altay. 106
 Aliyev, Shamil 143
 Aljiffry, Murad 113
 Alkhoury, Fuad 155
 Alkoteesh, Jamal. 169
 Allam, Emad S. 175
 Allard-Picou, Ayana 107
 Allen, Peter J. 66, 82, 165, 167, 176
 Allison, Kimberly H. 53
 Allukian, Myron W. 169
 Alluri, Himakarnika. 124
 Almadani, Moneer E. 157
 Almhanna, Khaldoun 112
 Alnakshabandi, Abdulla S. . . 169
 Alonge, Temitope O. 168
 Aloraini, Abdullah. 159
 Alowais, Jalal. 154
 Alpajaro, Sigfred Ian R. 179
 Al-Qurayshi, Zaid . . . 162, 163, 169
 Al-Refaie, Waddah B. 42, 127
 Alrijaji, Eman 166
 Alsaleh, Nuha 152, 168
 Alseidi, Adnan A. 40, 66, 85
 Alshehri, Mohammed H. . . 162, 163
 Altahan, Rahaf. 166
 Altieri, Maria 111, 164
 Altorki, Nasser K. 123, 136
 Alvarez Divo, Francisco A. . . 149
 Alvarez, JoAnn. 121
 Alvarez-Allende, Carlos R. . . 106
 Alvear, Domingo T. 169
 Alverdy, John C. 68
 Ambrosini, Carlo E. 146, 152
 Ameh, Emmanuel A. 117, 118
 Amendola, Michael F. 179
 Amersi, Farin 52
 Amesur, Nikhil. 166
 Amirhossein Razavi, Seyed . . 110
 Ampudia, Carolina 151
 Anagnostopoulos,
 Constantine E. 123
 Anasooya Shaji, Chinchusha . . 124
 Anderson, Benjamin O. 77
 Anderson, Fred A., Jr. 137
 Anderson, Kathryn T. 131
 Andersson, Karl-Erik. 128
 Andrade, Rafael S. 143, 144
 Andrassy, Richard J. 57
 Andrews, John. 131
 Angelini, Marta 147
 Angelle, Jonathan 179

Angelos, Peter 86, 96, 135
 Angus, Derek C. 142
 Anselmo, Dean M. 131
 Antanavicius, Gintaras 105
 Antoine, Heath 129
 Anton, Toomas 148
 Antonelli, Maria Serena 108
 Anversa, Piero 43
 Anyanwu, Stanley N. C. 88
 Aoi, Takashi 168
 Aoki, Takeshi 167
 Aoyagi, Tomoyoshi 120
 Aqua, Keith A. 169
 Aquina, Christopher T. 116, 139, 172
 Arabia, Francisco A. 143
 Aragoneses, Federico G. 144
 Arakawa, Satoshi 156
 Arakawa, Yusuke 176
 Aranha, Gerard V. 167
 Araujo-Pereira, Renato 153
 Arbabi, Saman 137
 Arca, Marjorie J. 131
 Arda, Mehmet S. 151, 155
 Argenta, Peter A. 129
 Argueta-Morales, I. Ricardo 124
 Arhuidese, Isibor 139
 Arita, Junichi J. 167
 Ariyo, Oluwatosin 120
 Arkadopoulos, Nikolaos 127
 Arnoldo, Brett D. 133
 Aronova, Anna 135
 Aroom, Kevin 164
 Aroom, Kevin R. 119
 Arora, Madan 162
 Arora, Sonal 115
 Arroyo, Laura L. 168
 Arrue Del Cid, Emmy 105, 157
 Arya, Shipra 123, 140
 Asanbe, Ope A. 122, 128
 Asbun, Horacio J. 147, 149, 150, 152, 156, 162, 166
 Ascher, Enrico 179
 Asencio, José Manuel 132
 Ashburn, Jean H. 154
 Ashfaq, Awais 80, 144
 Ashley, Dennis W. 75, 154
 Ashley, Stanley W. 69
 Ashraf, Ambreen 119
 Ashrafian, Sogol 174
 Askari, Reza 141
 Aslam, Muhammad I. 130
 Aslam, Rizwan 151, 152, 162
 Assadipour, Yasmine 167
 Assi, Roland 179
 Asti, Emanuele, L. G. 146
 Atala, Anthony 117, 128
 Atallah, Sam B. 144
 Atashroo, David 117, 138
 Atigadda, Venkatram 131
 Atkinson, Sarah J. 134
 Attaluri, Vikram 145, 162
 Aucejo, Federico 156
 Aufses, Arthur H. 109

Augenstein, Vedra A. 110
 Augestad, Knut Magne 161, 172
 Augustin, Toms 115
 Ault, Glenn T. 40
 Austen, William G., Jr. 171
 Autran C. Machado, Marcel 156
 Avino, Robert J. 112, 168
 Avital, Itzhak 111
 Awad, Ziad T. 145, 146, 149, 155
 Axt, Jason R. 157
 Ayala, Alfred 124
 Ayoung-Chee, Patricia 178
 Ayuk, John 109
 Azagury, Dan 105
 Azari, Kodi K. 89
 Aziz, Iman F. 172
 Azoury, Said C. 159, 167

B

Baba, Yoshifumi 95
 Baba, Yuji 169
 Babic, Bruna 173
 Babu, Sateesh C. 179
 Bacchetta, Matthew D. 72
 Bach, Robert D. 70
 Bachellier, Philippe 152
 Bacigalupo, Almalina 108
 Backhus, Leah M. 142
 Bacon, Anthony 134
 Badiel, Marisol 178
 Bagaria, Sanjay P. 176
 Bagley, Joel K. 175
 Bahn, Rebecca S. 2, 41, 58, 77
 Baig, Mirza S. 152
 Bailey, Lisa 77
 Bailey, Patrick V. 40
 Bains, Sandeep S. 126
 Bakeer, Mohamed 163
 Bakeman, Anna 131
 Baker, Aaron C. 109, 174
 Baker, Christopher C. 172
 Baker, Megan K. 119
 Bakkum-Gamez, Jamie N. 113, 168
 Bakur, Marko 177
 Balague, Carmen 149, 171
 Baldini, Gabriele 61
 Balducci, Genoveffa 108
 Bale, Asha G. 175
 Balfe, Paul 119
 Balieiro, Marcio 153
 Baliga, Prabhakar K. 177
 Ball, Chad G. 126
 Balla, Andrea 145
 Ballecer, Conrad 71
 Ballestrero, Alberto 108
 Balraj, Praveen 153
 Balta, Ahmet Z. 161, 176
 Baltodano, Pablo A. 117, 138
 Balzer, Dan G. 137
 Bambakidis, Ted 134
 Banan, Babak 109
 Banerjee, Ambar 174
 Banerjee, Anirban 127, 134
 Bansal, Vishal 42

Bantus, Christine 172
 Barber, Annabel E. 169
 Bardes, James 91
 Barksdale, Edward M. 60
 Barkun, Jeffrey S. 106
 Barmparas, Galinos 119, 141, 174
 Barnato, Amber E. 137, 142
 Barnes, Stephen L. 54, 55
 Barnett, Carlton C. 127
 Barnett-Vanes, Ashton 171
 Barney, Linda M. 74, 90
 Barocas, Daniel A. 110, 121
 Barone, James E. 50
 Barr, Justin 37
 Barra, Luigi 153
 Barraco, Robert D. 94
 Barratt-Stoper, Patricia 158
 Barrett, Miceile D. 117
 Barrios, Cristobal, Jr. 178
 Barry, Kevin 163
 Bartholomew, Amelia M. 68, 128
 Bartlett, Edmund K. 135
 Bartlett, Stephen T. 65
 Barton, Jeffrey S. 120
 Baruffaldi Preis, Franz 154
 Basa, Johanna V. 173
 Bassett, Jeffrey C. 121
 Bashirov, Latif 125
 Basili, Giancarlo 146
 Bass, Barbara L. 2, 44, 104
 Bassi, Marco 155
 Basta, Marten N. 167
 Bastawrous, Amir L. 65, 153
 Battafarano, Richard J. 160
 Baucom, Rebecca B. 126
 Baumann, Donald P. 170, 179
 Baxter, Nancy N. 80
 Bea, Vivian J. 157
 Beale, Elizabeth 107
 Bearely, Shethal 151
 Beaty, Claude A. 160
 Beck, Catherine 149, 157
 Beck, Sandra J. 171
 Beckett, Andrew 154
 Beckman, Michael J. 116, 127, 132
 Bedin, Natalino 164
 Bedrosian, Isabelle 93
 Beggs, Simon 170
 Begum, Nehara 163
 Behbakht, Kian 129
 Behery, Omar 173
 Behrman, Stephen W. 100
 Behrns, Kevin E. 70, 176
 Beidas, Abdel-Kareem 165
 Beierle, Elizabeth A. 112, 131
 Bekele, Abebe 108
 Belkind-Gerson, Jaime 116
 Bell, Brandon 115, 131, 144
 Bellavance, Emily 86
 Belle, Janeil M. 123, 136, 140
 Bellorin, Omar 150
 Belsky, Justin 169
 Beltran, Karla M. 141

Benabou, Kelly	122	Blackmon, Shanda H.	38, 87, 88, 123, 136	Bouvret, Michael	140
Benjamin, Elizabeth R.	177, 178	Blackstone, Eugene H.	123	Bower, Curtis E.	164
Benlice, Cigdem	162	Blackstone, Robin L.	78	Bowers, Steven P.	147, 152, 162
Bennett, Ana	162	Blackwell, Robert H.	151	Bowles, Robert J.	47
Bennett, Daine T.	123	Blair, Sarah L.	70	Bowling, Adam	90
Bennett, Robert D.	136, 140	Blanco, Ricardo H.	163	Bowyer, Mark W.	90, 108
Benyayer, David	154	Bland, Kirby I.	121, 140	Boyce, Tamsin H.	106
Berber, Eren	89, 101, 106, 143, 145, 149, 150, 156, 160	Blansfield, Joseph A.	107	Boyd, Richard	97
Berber, Ufuk	161	Blatnik, Jeffrey A.	47, 146, 149	Boyko, Tatiana V.	129
Berbiglia, Lindsay	162	Blau, Elliot K.	151	Bozentka, Jaime	133
Berducci, Martin A.	146, 149, 157	Blazer, Dan G. III	164	Bozzuto, Bethany J.	109
Berg, Arthur S.	130	Bleday, Ronald	126	Braccini, Lucia	110
Berger, Adam C.	107	Bleeker, Remco	128	Bracewell, Stephen M.	132
Berger, David	144	Bleier, Joshua I.	54, 64	Bradbrun, Eric H.	172
Berger, David H.	139	Blobe, Gerard	125	Bradley, Nori L.	172
Berger, David L.	68, 73, 89	Bloom, Scott	162	Brady, Matthew T.	115
Bergman, Simon	164	Bloomston, Mark	127	Brahmbhatt, Reshma	140
Bergquist, John R.	133	Bluebond-Langner, Rachel	170, 177	Branca, Maria	119
Berli, Jens	177	Boccardo, Francesco	158	Branch, Nisha	80
Berman, Darren	124	Bochicchio, Grant V.	54, 55, 107	Branco, Bernadino C.	140, 141
Berman, Russell S.	115	Boddu, James V.	148	Brand, Dawn	116
Bernal, Gabriela	114	Bodugoz-Senturk, Hatice	169	Brand, Timothy C.	174
Bernik, Stephanie F.	88	Boechat, Thiago	153, 156	Brandacher, Gerald	89, 116, 138, 163, 179
Bernik, Thomas R.	179	Boelig, Matthew M.	117	Brandes, Steven B.	84, 85, 179
Berry, J. Michael	75	Boganey, Anthony	152	Brandt, Colin	174
Berry, John S. IV	107, 175	Bohanon, Frederick J.	124, 127, 133	Brandt, Mary L.	50, 115
Berry, Mark F.	112	Bohl, Jaime Lynne	100	Brasel, Karen J.	135
Berry, William	172	Bojovic, Branko	170	Brat, Gabriel	163
Bershad, Vanessa	158	Bokhari, Faran	178	Bravo-Gutiérrez, Alberto F.	161
Bertanolli, Monica M.	127	Boll, Julia M.	173	Breen, Elizabeth	119
Bertelson, Noelle L.	154	Bona, Davide	153	Brenner, Megan L.	93
Besner, Gail E.	102, 131	Bonaventura, Marguerite	49	Brethauer, Stacy A.	115, 159
Best, Sara L.	121	Bonavina, Luigi	146, 153	Breuer, Christopher K.	102
Betancourt, Abraham A.	147, 151, 174	Bonds, Roger G.	36	Brewster, Luke P.	122, 140
Bhakta, Avinash S.	161	Bongard, Fred S.	133	Breyer, Benjamin N.	85
Bhama, Jay K.	110, 160	Bongu, Advait	165	Briceño Sáenz, Giuseppe G.	174
Bhat, Sathesh	132	Boni, Luigi	146	Bricker, Scott D.	133
Bhatia, Parisha	169	Bonilla, Fernando	95	Brinton, David	130
Bhatia, Parveen	140	Bonitz, Joyce A.	118	Brisseau, Guy F.	55, 56
Bhora, Faiz Y.	53	Bonrath, Esther M.	119	Brito, Ana F.	166
Biancafarina, Alessia	147	Boo, Yoon-Jung	173	Britt, L. D.	36
Bianchi, Elisa	154, 155	Boockvar, John A.	129	Britt, Rebecca C.	92, 103, 113
Bianco, Francesco	143, 146, 147	Boolish, Marc K.	82	Brock, Malcolm	160
Bianco, Valentino	123	Boone, Jonathan D.	140	Broderick, Ryan C.	105, 144, 146, 149, 157
Bible, Letitia E.	118, 175	Boonjindasup, Aaron	151	Brody, Howard	44
Biester, Thomas W.	163	Bora, Girdhar S.	110	Broghammer, Joshua A.	110, 122
Bilchik, Anton J.	111	Bordeianou, Liliana	144	Bronsert, Michael	126
Bilimoria, Karl Y.	38, 59, 126, 139	Bordia, Sonal	147	Brooke, Benjamin S.	172
Biller, Beverly M. K.	106	Borromeo-Manalo, Noreen	141	Browdn, Lloyd	165
Billeter, Adrian T.	125	Borschel, Gregory H.	170	Brown, Carlos V. R.	95, 102, 135
Billingham, Richard P.	63, 66, 130	Boschini, Laura P.	117, 175	Brown, Darnell J.	138
Bindal, Vivek	140, 143, 146, 147	Bosio, Raul M.	61	Brown, Douglas	135, 137
Bingener, Juliane	59, 107	Boss, Emily F.	151	Brown, Elizabeth T.	121
Biondi, Graziano	146	Botelho, Maria Filomena	166	Brown, Erin	174
Biricotti, Marco	146, 152	Bothe, Albert, Jr.	55	Brown, Harry S.	70
Birnbaum, Elisa H.	134, 153	Bouchard, Alexandre	150	Brown, Kellie R.	59
Biscardi, Andrea	154, 155	Boucher, Louis-Martin	166	Brown, Sarah	120
Bishop, Sarah N.	138	Boufragech, Myriem	120	Browne, Lorin	131
Bismuth, Jean	101	Boughey, Judy C.	57, 79, 93	Brownlee, Andrew R.	157
Black, James H.	139, 140	Bourne, Beth E.	113	Brownson, Kirstyn	179
Blackbourne, Lorne	118	Boushey, Robin P.	162	Broyles, Justin M.	177
Blackhus, Leah M.	136	Bouton, Marcia	109	Brugge, William	149

Bruns, Nicholas	155
Brunt, L. Michael	81, 148
Bruun, John S.	56
Bruzoni, Matias	139
Bryan, Nathan S.	141
Bryant, Lyndsey	144
Bryczkowski, Sarah B.	137
Brydges, Ryan	174
Buchanan, Mauricia	162
Buchholz, Joseph	174
Buchman, Timothy G.	86, 102, 110, 172
Buchmiller, Terry	78
Buckingham, E. Bryan	177
Buckley, Francis P. III	106, 107
Budde, Cristina N.	166
Bueltmann, Kenneth W.	173
Bueno, Raphael	99
Buesing, Keely L.	58
Buie, W. Donald	73
Bukur, Marko	109
Bulger, Eileen M.	66
Bulloch, Brett A.	111
Bulloch, Griffin	111
Burdine, Lyle J.	90, 121
Burger, John R.	148
Bürk, Conny G.	163
Burke, Peter A.	141
Burnett, Atuhani B.	171
Burns, Elaine M.	115
Burns, R. Phillip	75, 93, 94
Burt, Bryan M.	136
Bush, Charles A.	118
Busuttill, Ronald W.	36
Butler, Charles E.	82, 179
Butler, Karyn	110, 165
Butler, Marilyn W.	118
Butler, Paris D.	171
Butts, Tiffany	125
Bydon, Mohamad	129
Byiringiro, Jean Claude	118, 139
Byrd, David R.	65, 97
Byrne, Karl.	157

C

Caballero, Carlos L.	163
Cabrera, Fernando	141
Cabrera, Tatiana	113
Cahill, Meghan	125
Caillet, Pascal	172
Caldararo, Mario D.	107
Calhoun, Kristine E.	52, 93
Calland, James F.	118, 139, 141
Callcut, Rachael A.	47, 91, 133
Callender, Glenda G.	120
Camacho, Diego R.	75, 103
Camaioni, Angelo	151
Cambria, Richard P.	110, 122, 126, 140
Camelione, Julieta	135
Camerani, Stefano	110
Cameron, Andrew M.	167
Cameron, Christopher	116
Cameron, John L.	86, 167
Campbell Hooper, Rachel	122
Campbell, Alexander	111
Campbell, Andre R.	79, 112
Campbell, Darrell A., Jr.	70, 142
Campbell, Karen K.	106
Campbell, Michael L.	46
Campisi, Corradino, A.	158
Campisi, Corrado C.	158
Campos Moscoso, Rodrigo	155
Campos, Guilherme M.	99, 105, 157
Canete, Jonathan J.	161
Cannada, Lis	112, 168
Canner, Joseph K.	113, 139
Cannon, Austin	127
Cannon, Jamie A.	130
Canter, Daniel J.	108, 122
Canter, Robert J.	74
Capella, Jeannette M.	40, 106
Capizzani, Tony R.	142
Capossela, Allison J.	179
Capps, Timothy W.	90
Caragacianu, Diana	162
Carandang, Voltaire A., Sr.	163
Carbonell, Alfredo M. II	55, 71, 150
Carbray, Joann M.	165
Carchman, Evie	145
Cardenas, Alex R.	166
Cardona, Kenneth	149, 166
Cardoso L. Barchi, Leandro	153
Carey, Robert I.	151
Carey, William D.	123
Carli, Fancesco	61
Carlson, Grant W.	120
Carlson, Sarah J.	92, 106
Carmichael, Joseph C.	50, 51, 141, 160, 162, 171
Carneiro, Marcelo B.	153
Carneiro-Pla, Denise M.	73
Carney, Kenneth J.	179
Caron, Nadine R.	71
Caropreso, Philip R.	81, 82
Carpenter, Andrea J.	123
Carpenter, Kendall W.	120
Carpizo, Darren R.	130
Carr, Ryan M.	146
Carroll, Danielle J.	118
Carroll, William R.	127
Carson, Jeffery S.	119, 122, 123
Carsten, Christopher G.	85
Carter, Alexis B.	172
Carter, Keith D.	77
Cartotto, Robert	87
Carty, Matthew J.	171, 172, 174
Carty, Sally E.	65, 94
Caruso, Riccardo	147
Carvalho, Cesar	167
Carver, Thomas W.	47
Casa, Christine	141
Casagrande, Biagio	108
Cashman, Chris	138
Caskey, Robert C.	119, 169
Cassera, Maria A.	106
Cassidy, Emily E.	144
Cassidy, Laura	131
Cassidy, Michael R.	115
Cassinotti, Elisa	146
Cassuto, James	179
Castanon Lourdes	172
Casteilleja, Amanda	168
Castelino, Irene D.	141
Castellanos, Andres E.	119, 143
Castelli, Anthony A.	163
Castillo, Cesar A.	106
Castle, Shannon L.	87, 88
Castro-Sousa, Francisco	167
Catena, Fausto	154
Caterson, Edward J.	111
Catino, Joe	109, 177
Caudle, Abigail S.	120
Cavnar, Michael J.	116
Cecil, William	171
Cederna, Paul S.	138, 171
Cellini, Christina	115
Celotti, Simone	146
Cem Dural, Ahmet	160
Cennamo, Vincenzo	155
Cerabona, Thomas	159
Cesar Machado, Marcel	
Autran	145, 150
Cetrulo, Curtis L., Jr.	171
Cevasco, Marisa	123
Chabot, John A.	147
Chadid, Tatiana	112
Chales, Anthony G.	175
Chalikonda, Sricharan	69
Chalouhi, Nohra	168
Chamberlain, Justin L.	137
Chamberlain, Ronald S.	112, 164, 174
Chamberlain, Ryan	2
Chamogeorgakis, Themistokles P.	123
Champagne-Parent, Geneviève	173
Chan, Charles K.	125
Chan, Kevin M.	136
Chana, Prem	115
Chand, Bipan	47, 150, 157, 159
Chandra, Ankur	110
Chang, Andrew C.	81, 136
Chang, Benjamin	171
Chang, Daniel	173
Chang, David C.	105, 126
Chang, David D.	142
Chang, David W.	69, 168
Chang, Edward I.	168
Chang, Emily H.	127
Chang, Erik	138
Chang, George J.	138
Chang, Jeff	125
Chang, Melissa I.	106
Chang, Michael C.	95
Chang, Philip H.	107
Chang, Po-Nan	174
Chang, Su-Hsin	173
Chang, Tammy T.	74

Chang, William	161	Chong, Hoong-Yin	161	Collier, Bryan R.	76, 172
Chao, Celia	133	Chong, Vincent E.	116	Collins, Courtney	137
Chapman, Michael P.	134	Chopra, Karan	175	Collins, Danielle	119
Chapman, William C.	83, 109, 159, 163, 164	Chou, Adriana	161	Collins, Joy L.	92
Charest, Jonathan M.	109	Choudry, Umar H.	106, 170	Collins, Lewis.	129
Charles, Anthony G.	97, 117, 131, 137	Chouliaras, Konstantinos	177, 178	Collins, Mary	109
Charry, Jose D.	117	Chousleb, Elias	150	Colombo-Benkmann, Mario.	164
Chaturvedi, LakshmiShankar	177	Chow, Oliver S.	130	Colonna, Alexander L.	89
Chaudhry, Aisha S.	162	Christiaans, Sarah C.	177	Colsen, Elizabeth	157
Chaudhry, Arif.	170	Christie, Dudley B.	74	Como, John Joseph.	99
Chaudhury, Prosanto K.	106, 113	Christmas, A. Britton	178	Compston, Catherine A.	124
Chauhan, Akshay P.	90	Christy, Michael R.	170	Compton, Carolyn C.	44
Chavin, Kenneth D.	177	Chu, Carrie K.	170	Condren, Audree B.	145
Cheaito, Ali	166, 177	Chu, Kathryn M.	118	Connelly, James T.	119
Chen Chiu, William Chien	99	Chu, Quyen D.	77	Connelly, Tara M.	130
Chen, Chin-Tung	130	Chubiz, Jessica	126	Conner, Michael A.	117
Chen, Edward P.	123, 160	Chui, Patricia.	147	Connolly, Michael D.	134
Chen, Frederick Y.	123, 136	Chun, Maria	97	Connor, Chelsea	148
Chen, Haijun	133	Chung, Chun-Shiang	124	Conrad, Mark F.	122, 140
Chen, Herbert	106, 120, 127, 172	Chung, Dai H.	119, 131	Consunji, Rafael J.	169, 178
Chen, Jiong	167	Chung, Greg.	107	Contreras, Juan E.	75
Chen, John W.	110	Chung, Jeanette W.	126	Conway, Robert G.	135
Chen, Lilian	130	Chung, Kevin C.	170	Conyers, Julie A.	82
Chen, Ling	175	Chung, Michael T.	125	Cook, Mackenzie R.	120
Chen, Long-Jiang.	167	Chung, Thomas K.	127	Cooke, David T.	2, 74, 86, 112
Chen, Mike K.	177	Church, James M.	161	Cooney, Damon	116, 179
Chen, Milton	165	Church, Joseph	155	Cooney, Robert N.	99
Chen, Steven L.	53, 70	Cima, Robert R.	66, 133, 139	Cooper, Jennifer N.	112
Chen, Wen	112	Cioffi, William G., Jr.	124, 134	Cooper, Zara	73, 86, 137
Chen, Xiaodong	119	Cipolle, Mark C.	154	Copeland, Annesley W.	103
Chen, Yiyi.	166	Ciullo, Sean S.	90	Copeland, Laurel.	136
Chen, Zhenbin.	130	Clark, Orlo	149	Copeland, Ronald L.	97
Chendrasekhar, Akella	109, 172	Clarke, Chris	171	Coppa, Gene F.	124
Cheng, Aaron M.	142	Clarke, Damian	88	Coppola, Alessandro	150, 166
Cheng, Ming-Huei	158	Clarke, Kevin O.	118	Coppolino, Antonio III	123
Cheng, Peng.	141	Clary, Bryan M.	104	Coran, Arnold G.	169
Cheng, Shaobing	132	Clavien, Pierre-Alain	36	Corcione, Francesco.	108
Chengelis, David	113	Clements, Ronald H.	42	Cormier, Janice N.	171
Cherian, Meena N.	44	Cleveland, Joseph C.	86	Cornille, Michael G.	109, 171
Cherkassky, Leonid.	116	Cliby, William A.	113, 168	Cornwell, Edward E. III.	35, 137, 139
Cherr, Gregory S.	88, 120	Clifton, Guy T.	107, 175	Correa, J. Camilo.	90
Cheshire, David J.	135	Cloyd, Jordan M.	80	Correa, José M.	163
Chetter, Ian	107	Cobb, William S.	71, 150	Corriere, Matthew A.	122, 140
Chia, Victoria.	109	Coburn, Michael	38	Corvera, Carlos U.	147, 149
Chiang, Yi-Ju	171	Cocanour, Christine S.	57	Corzo, Maria Camila	178
Chiari, Damiano.	153	Cochran, Amalia L.	49, 87	Cossman, David.	138
Chiarugi, Massimo	146	Coe, Taylor M.	126	Costa, Beatriz	167
Chichester, Tiffany	174	Coelho, Djalma E.	153	Costa, Gloria Maria L.	154
Chien, Sufan.	125	Cofer, Joseph B.	59, 171	Costedio, Meagan M.	154
Chin, Edward H.	115, 155	Cogbill, Thomas H.	59, 60, 93, 94	Cotton, Bryan A.	133
Chin, Lynda	127	Cohan, Jessica N.	161	Court, Ismael	150
Chin, Theresa	134	Cohen, Adam C.	111	Courtney, Paul M.	130
Chiruvella, Amareshwar.	150	Cohen, Elaine R.	108	Coventry, Brendon J.	176
Chismark, A. David	161	Cohen, Mitchell J.	133, 134	Cowan, Eileen	106
Chiswick, Evan L.	124	Cohen, Noah A.	116, 127, 132	Cox, Charles S.	117, 118, 119
Cho, Nancy L.	127	Cohen, Steven M.	115	Cozacov, Yaniv.	149, 151
Choi, Eugene A.	127	Cohn, Lawrence H.	136	Crabtree, Traves D.	173
Choi, Joanna	174	Coit, Daniel G.	76	Crago, Aimee M.	76, 127
Choi, SunPhil.	119	Coker, Alisa M.	144, 146	Crampton, Melanie	136
Choi, Yohan	119	Colditz, Graham A.	173	Craven, Mark.	172
Chojnacki, Karen A.	78, 156	Coleman, Dawn M.	122	Craven, Tim	122
Chokshi, Ravi J.	171	Coleman, Jamie J.	47	Crawford, Joel M.	147
		Collet E. Silva, Francisco D. S.	154	Crawford, Kelly M.	131

Crawford, Margaret	109
Crawford, Neil R.	168
Crawley, Megan H.	116, 127, 132
Crawshaw, Benjamin P.	150, 161, 171, 172
Crespin, Oscar M.	150
Cribari, Chris	93
Criss, Cory N.	156
Cristofanilli, Massimo.	107
Croce, Martin.	149
Croner, Roland S.	95
Crosby, Ivan K.	123
Crosby, Joshua	107
Crosby, Melissa A.	168, 170
Crowe, John A.	177
Cruz, Ana	154
Cryer, H. Gill	98, 171
Cryer, Henry G.	166
Csoka, Balazs.	124
Cuff, Robert F.	59
Cuhadar, Mehmet	176
Cui, Xiangdong	122
Cull, David L.	85
Current, Staci.	35
Cuzzone, Daniel A.	111, 138, 170
Czerniecki, Brian J.	120

D

D'Agostino, Harry J., Jr.	146
D'Ambrosio, Giancarlo.	145
D'Amico, Thomas A.	112
D'Angelica, Michael I.	104, 165, 167, 176
D'Cunha, Jonathan	110, 143
D'Huyvetter, Cecile J.	171
Da Sacco, Stefano	110
da Silva, Giovanna M.	161
Dabrowski, Andrezej	111
Dacey, Kristian T.	110
Daeiagh, Pirouz.	122
Daes, Jorge E.	153
Dagi, T. Forcht	99
Dahl, Deb	171
Dail, Samuel J.	132
Dakermadj, Marc	154
Dale, Matthew	123
Daley, Brian J.	171
Dallalana, Rafaela L.	154
Daly, Shaun C.	173
Damrauer, Scott M.	122, 153
Dans, Maria	137
Dapri, Giovanni	145, 153
Darby, Geoff.	178
Dardik, Alan	122, 179
Darzi, Ara W.	135
Das, Chandan.	168
Dasgupta, Roshni A.	92
Daskalaki, Despoina	143, 146, 147
Dattagupta, Sidhartha	110
Dauer, Elizabeth	159
Davenport, Daniel L.	164, 171
Davenport, Katherine P.	131
Davenport, Thomas	169, 178
Davey, Marcus G.	119
David, Elizabeth A.	81, 112
David, Giulia	146
Davies, Stephen W.	139
Davis, Bradley R.	64, 139
Davis, Christopher R.	116, 138
Davis, Dawn B.	157
Davis, Kimberly A.	71, 72
Davis, Matthew L.	124
Davis, Rodney	121, 122
Davis, Sean R.	120
Davydova, Julia	117
Dawes, Aaron J.	139, 171
Dawson, Imro.	134
Day, Mary-Clare	117
Dayan, Joseph	138
de Boer, Esther	140
de Delva, Pierre Edouard.	79
De Deyne, Patrick G.	138
De Filippo, Roger E.	110
De La Cruz, Carla	170
De la Garza-Ramos, Rafael	129
De Leo, Vincenzo	154
de los Santos, Nilo C.	163
de Manzini, Nicolò	108
de Monbrun, Sandra	135
de Moya, Marc A.	63
De Nardi, Paola	154
De Prizio, Marco	147
de Ribamar Saboia de Azevedo, Jose	153, 154, 156
De Saverio, Salomone.	155
de Virgilio, Christian M.	133
Dean, Marc.	165
Deans, Katherine J.	95, 112
DeAsis, Francis J.	165
DeCamp, Malcolm M., Jr.	144
DeCampli, William M.	124
Deckelbaum, Dan L.	154
Dedy, Nicolas J.	119
deHoyos, Alberto	144
Deiling, Sue	130
Dekker, Simone	134
Del Prete, Marco	153
Delaney, Conor P.	50, 51, 61, 62, 68, 150, 161, 171, 172
Delgado-Plasencia, Luciano J.	161
Delitto, Daniel	176
Della Rocca, Paola	153
Dellinger, E. Patchen.	59, 126
Delman, Keith A.	98, 99, 120
DeMatteo, Ronald P.	116, 127, 132, 165, 167, 176
DeMeester, Steven R.	72, 144
Demehri, Farokh	155
Demetriades, Demetrios	107, 119, 141, 154, 177, 178
DeMoya, Marc	126
den Hoed, Pieter T.	134
Dendrinis, Melinda	155
Deng, Shi-Chang	111
Denham, Woody	163, 165
Deniwar, Ahmed	162, 168
Dennis, Andrew J.	178
Dent, Daniel L.	91, 120
Dente, Christopher J.	154
DePaulo, Aureo Ludovico	154
DePeralta, Danielle K.	132
Derkay, Craig S.	2, 40
Dervishaj, Ornella	147, 156
Desai, Amita A.	155
Desai, Dev M.	128, 140
Desai, Sapan S.	83, 179
Deutschman, Adam	89
Deutsch, Michael	165
Deveney, Karen E.	120
Devine, Beth	85
Devine, Richard M.	81
deVirgilio, Christian M.	120
deVries, Catherine R.	118
Dhanireddy, Kiran.	158
Dhar, Vikrom	162
Dharampal, Navjit.	116
Dharmarajan, Sekhar	134
Dharmawadene, Marisa L.	109
Di Como, Joseph A.	165
Di Maio, Vittorio	153
Di Palo, Saverio	150, 154
Di Saverio, Salomone	154
Díaz Aguilar, Claudia Y.	174
Díaz, Eduardo	147, 156
Díaz, Ilitch	90
Díaz, Jose J.	65
Díaz-Zorita, Benjamin B.	144
Dickinson, Michael	160
DiCocco, Jennifer M.	149
Dietz, David W.	87, 162
Diez Valladares, Luis Ignacio.	153
DiFazio, Louis T.	124
Diggs, Brian S.	116, 133
Dikdan, George	165
Dillman, Jonathan R.	169
Dillon, Peter W.	131
Dilungo, Jennifer L.	109
Dimick, Justin B.	102, 116
Dimitrova, Kamellia R.	160
Dincheva, Gabriela R.	160
Ding, Chaofeng	132
Ding, Linda.	178
Ding, Ye	124
Dingley, Brittany	126
Dionigi, Gianlorenzo	146
Dionne, Eric	134
Dip, Fernando	140, 157
DiPetrillo, Thomas	161
DiRenzo, Daniel	110
Dirocco, Joseph D.	150
Titillo, Michael F.	172
Divino, Celia M.	115, 155
Dixon, Elijah.	116, 126
Dixon, Jennifer L.	136
Dmochowski, Roger R.	2, 121, 179
Dodson, Thomas F.	140
Doepker, Matthew.	175
Doherty, Gerard M.	141
Dolan, James Patrick	78
Dolich, Mathew	173
Doll, Corinne	130
Dombrowski, Michael.	162

Domchek, Susan 120
 Domino, Maria P. 151
 Dominquez, Rafael Santini . . . 179
 Donahue, James M. 115
 Donahue, Timothy R. 127
 Donington, Jessica Scott 81
 Dontas, Ismene A. 127
 Dopf, Glenn 53
 Dorai, Zeena. 148
 Doria, Cataldo 109, 177
 Doros, Gheorghe 110
 Dorsey, Philip J. 151
 Dortch, John 150
 Dos Santos Castro,
 Leonaldson 145
 Doski, John J. 112
 Dossa, Avafia Y. 115, 119
 Dougherty, Adam 106
 Douglawi, Antoin. 158
 Dove, James T. 107
 Dowdy, Sean C. 168
 Downard, Cynthia D. 93
 Downs, Tracy M. 121, 151
 Drake, Frederick T. 163
 Drake, Mack D. 172
 Dresner, Lisa S. 173
 Druen, Devin 125
 Du, Qiang 128
 Dua, ANahita 179
 Duane, Therese M. 88, 91, 99
 Duarte, Alexandre M. 153
 Dubois, Rinci L. 153, 157
 DuBose, Joseph J. 88, 92, 93
 Duclos, Antoine. 172, 174
 Dueland, Svein. 104
 Duggan, Mechelle 163
 Duh, Quan Yang. 2, 100, 149, 152
 Dujovny, Nadav 108
 Duke, Julie 178
 Dulchavsky, Scott A. 103, 107
 Duldulao, Chris 125
 Dumanian, Gregory A. 82
 Dumitra, Sinziana A. 106
 Duncan, Audra A. 2
 Duncan, Kim F. 119
 Duncan, Mark D. 177
 Dunkin, Brian J. 47, 61, 81, 104,
 120, 141
 Dunlap, Jonathan L. 139
 Dunn, Edward James 80
 Dunn, Geoffrey P. 77, 78
 Dunn, Julie A. 178
 Dunnington, Gary L. 84
 Duossot, Alexandre 176
 Duquette, Stephen P. 111
 Duraes, Leonardo 162
 Dural, Cem C. 106, 143, 149,
 150, 156
 Duran, Hipolito 147, 156
 Durinka, Joel B. 174
 Duscher, Dominik 116, 125, 128
 Dusing, Mary 131
 Duwayri, Yazan 140
 Dwivedi, Durgesh K. 110

Dysart, Kevin C. 119
 Dzakovic, Alexander 48
 Dzandu, James K. 109, 171

E

Eachempati, Soumitra R. 133
 Eagleson, Roy 119
 Easson, Alexandra M. 65
 Eastes, Lynn. 116
 Ebb, David H. 129
 Eberhardt, Joshua M. 162
 Eckouse, Shaina R. 148
 Edelman, David S. 89
 Edhayan, Elango 173, 174
 Edtinger, Karoline 128
 Edwards, Janet P. 126
 Edwards, Jason 144
 Edwards, Matthew S. 122
 Edwards, Melanie A. 112
 Edwards, Michael 172
 Efron, David T. 54
 Efron, Jonathan E. 61
 Egan, Kaitlyn E. 179
 Egan, Kathleen. 175
 Egawa, Fumiko. 130
 Egleston, Brian L. 132
 Egorova, Natalia N. 109
 Eguchi, Susumu. 109, 159, 165, 166
 Ehlenbach, William J. 137
 Ehrenfeld, Jesse M. 126
 Ehrlich, Peter F. 169
 Eichenberger, Sarah 125
 Eidt, John F. 59
 Eil, Robert 167
 Eilber, Frederick C. 77, 92, 127
 Eiro, Filipa 154
 Eisenhower, Rodolph R. 118
 Eisner, Robert 112
 El Ayadi, Amina 124
 El Menyar, Ayamn 169, 178
 Elagili, Faisal 160
 Elamin, Ghassan 163
 Eldemire, Ramon S. 124
 Elegbede, Anuoluwapo F. 105
 Eleswarapu, Sriram. 110
 Elfar, John C. 129
 Elfaramawy, Ahmed 154
 Elfenbein, Dawn M. 120
 Elgamal, Mohamed 156
 El-Ghazaly, Tarek. 156
 El-Gohary, Yousef 133
 El-Harasis, Majd 174
 El-Hayek, Kevin M. 150, 159
 Elias, Nahel 146
 Eliason, Jonathan L. 93
 ElKhal, Abdallah 128
 Ellingson, Alexandra. 167
 Ellis, Ryan J. 105
 Ellison, E. Christopher 36, 44, 100
 Ellison, Halle B. 107
 Ellner, Scott J. 80, 109
 El-Menyar, Ayman 154
 El-Nachef, Wael 128
 Elsey, James K. 36, 69

Elshazly, Tarek. 122, 128
 Ema, Akira 121, 175
 Endo, Yui 165
 Engbrecht, Brett W. 131
 Engelbert, Travis L. 141
 Englesbe, Michael J. 104
 English, Wayne J. 116
 Englum, Brian R. 112, 164
 Erdahl, Lillian M. 99
 Ergul, Emel. 140
 Ernst, Frank R. 106
 Ertl, Allison 131
 Esaki, Minoru. 167
 Esan, Oluwadare 168
 Esanola, Nestor F. 71
 Esemuede, Iyare 160, 162
 Eskandari, Mark K. 152, 153
 Eslami, Mohammad 110
 Esni, Farzad 133
 Espinal, Eric. 160
 Esserman, Laura J. 52
 Estrada, Joaquin 145
 Estrada, Michelle 175
 Eswara, Jairam R. 179
 Etchegaray, Jason M. 135, 142
 Etzioni, David A. 139
 Eubanks, Ryan X. 109
 Eusebio, Ricardo B. 89
 Evans, Douglas B. 65
 Evans, Gregory R. D. 70
 Evans, Heather L. 49, 63
 Evans, Nathaniel R. 79
 Evans, Paul M. 91
 Evans, Steven R. T. 172
 Evers, B. Mark 171
 Exe, Chauvet 118

F

Fabian, Timothy C. 149
 Fabra, Isabel 147, 156
 Fabri, Peter J. 48
 Facktor, Matthew A. 65, 81
 Fadel, Zahir 166
 Fagenholz, Peter J. 54, 88, 126
 Fahy, Thomas J. III 135
 Fahy, Bridget N. 73, 100, 137
 Fain, Mindy J. 137
 Fairbairn, Neil G. 169
 Fairchild, Lauren 130
 Fairman, Ronald 153
 Fairman, Ronald M. 122
 Faiz, Omar D. 115
 Faizer, Rumi 152
 Fakhry, Samir R. 49
 Fakulujo, Adeshola 150
 Fallon, Sara C. 115
 Fanelli, Robert D. 47
 Fann, James I. 37, 38
 Faquin, William C. 129
 Faraco, Rodolfo L. 174
 Farber, Alik. 110
 Farberg, Aaron S. 170
 Farias-Eisner, Gina 111
 Faries, Mark B. 98, 126

- Faries, Peter. 152
 Farivar, Robert S. 136
 Farjah, Farhood. 136, 142
 Farkas, Rachel L. 103
 Farley, David R. 164
 Farmer, Diana L. 2
 Farrington-Avila, Robyn. . . 109, 177
 Farris, Coreen. 142
 Farrokhi, Ellen. 115
 Farrokhi, Ellen T. 85, 110
 Fasano, Marcelo J. 135
 Fata, Paola. 154
 Faul, Eleanor M. 154
 Faulks, Emily R. 108
 Faust, Beth W. 130
 Favuzza, Joanne. 50, 51
 Fazendin, Edward A. 143
 Feinberg, Mark W. 125
 Feingold, Daniel L. 64, 73, 160, 162
 Feins, Richard H. 38
 Felder, Seth. 138
 Feldman, Liane S. 61, 62, 81
 Feldtman, Robert W. 179
 Feliciano, David V. . . 54, 66, 98, 146
 Felix, Edward L. 147, 150
 Feng, Mingli. 114
 Feo, Carlo. 110
 Ferdinand, Francis D. 70
 Ferguson, Mark K. 66
 Fernandes-Taylor, Sara. 141
 Fernandez del Castillo, Carlos. . 82
 Fernandez, C. 132
 Fernandez, Felix G. . . . 38, 159, 160
 Fernandez-del Castillo, Carlos. . 149
 Fernandez-Miranda, Juan C. . . 129
 Fernandez-Moure, Joseph S. . . 141
 Ferrada, Paula A. 47
 Ferraina, Pedro A. 75
 Ferrante, María S. 174
 Ferrara, John J. 172
 Ferraris, Victor A. 106, 174
 Ferraz, Leonardo R. . . 153, 154, 156
 Ferreira, Juliana 153
 Ferreira, Rafael 153, 156
 Ferreres, Alberto R. . . . 36, 69, 95, 135
 Ferreres, Augusto T. 135
 Ferri, Lorenzo E. 62, 159
 Ferris, Timothy 126
 Ferrone, Cristina R. 149, 158
 Feyko, Jared T. 91
 Fichera, Alessandro . . . 76, 130, 144
 Fiedler, Amy G. 123
 Fields, Adam C. 115
 Fierro, Nicole M. 174
 Fifer, Gordon L. 151
 Figg, Ryan. 108
 Filidei, Federico. 146
 Filipi, Charles J. 147
 Fillmore, Parker. 125
 Findlay, Michael W. 128
 Finkelstein, Maggie M. 36
 Finks, Jonathan F. 116
 Finlayson, Emily V. 137, 141
 Finlayson, Samuel R. G. . . . 62, 118, 141, 142, 159, 172
 Finley, Richard J. 36
 Finnerty, Brendan M. 135
 Finnerty, Celeste C. 124
 Fiorentini, Guido. 153, 154
 Firstenberg, Michael S. 160
 Fischbach, Michael. 68
 Fischbein, Michael P. 123
 Fischer, John P. 167, 171
 Fischer, Laura E. 155, 157
 Fischer, Lauren H. 125
 Fischer, Peter E. 178
 Fischhoff, Baruch. 142
 Fish, Joel H. 134
 Fisichella, Piero M. A. . . . 57, 72, 145
 Fitzgibbons, Robert J. 156
 Fitzgibbons, Shimae C. 134
 Fiumicelli, Franco. 147
 Fiuza, Alexandre. 153, 156
 Flahive, Julie M. 137
 Flake, Alan W. 117, 119
 Flanagan, Meghan R. 142
 Flannery, Ann Marie. 109
 Fleming, Fergal. 104, 110, 116, 139, 172
 Fleshman, James W., Jr. 41, 87
 Fleshner, Phillip R. 76, 138
 Flint, Paul W. 58, 98
 Florence, Michael G. 163
 Flores, Jose M. 138
 Floyd, Brian. 139
 Flum, David R. 65, 69, 104, 115, 130, 136, 142
 Foianini, Jorge E. 118
 Fojo, Antonio T. 89
 Foley, David P. 128, 140
 Foley, Lisa S. 123
 Fong, Yuman. 53, 165, 167, 176
 Fontenot, Tatyana E. 169
 Foote, Robert L. 176
 Ford, Henri R. 115, 119, 135
 Forero, Alexander. 144
 Forsythe, Raquel M. 74
 Forti Parri, Sergio N. 154
 Fowler, Alexander. 170
 Fowler, Kathryn J. 83
 Fowler, Kathryn L. 128
 Fox, Charles J. 60, 93
 Fox, Elizabeth D. 123
 Fox, John A. 123
 Foy, Hugh M. 71
 Franklin, Morris E., Jr. 161
 Francescatti, Darius S. 103
 Francescutti, Valerie. 111
 Franciss, Maurice. 153
 Franco, Sarah. 110
 Francone, Todd D. . . . 49, 50, 51, 63, 130
 Frangos, Spiros G. 178
 Frank, Adam M. 109
 Frankel, Heidi L. 47, 62, 63, 102, 103
 Franklin, David P. 57
 Frantz, Travis L. 113
 Franz, Michael G. 138
 Fras, Christian I. 168
 Frascoli, Michela. 119
 Frazier, William A. 109
 Frederick, Wayne A. I. 86
 Freeman, Christopher M. 132
 Freeman, Richard B., Jr. 128
 Fregoli, Lorenzo. 146, 152
 Freischlag, Julie A. . . . 35, 39, 41, 83, 99, 179
 French, Zachary P. 138
 Frenkel, Joseph. 145
 Frey, Mark R. 115, 119
 Fried, Gerald M. 120
 Friedmann, Patricia. 175
 Friedrich, Jeffrey B. 84
 Friese, Randall S. 110, 126, 129, 131, 135, 137, 172, 178
 Frischer, Jason S. 131
 Frohna, Paul. 107
 Frommelt, Ashley. 159
 Fromson, John A. 172
 Fry, Robert D. 68
 Fuchs, Bryan C. 132
 Fuchs, Hans F. 105, 146, 147
 Fuchs, Julie R. 131
 Fuchshuber, Pascal R. . . . 148, 152, 155
 Fuentes-Orozco, Clotilde. 177
 Fuhrman, George M. 73
 Fujikawa, Takahisa. 161, 166
 Fujimori, Akira. 167
 Fujita, Fumihiko. 165
 Fujiwara, Hitoshi. 158, 164, 176
 Fujiwara, Yuki. 117
 Fuks, David. 153
 Fukutomi, Takashi. 159, 168
 Fukuyama, Keita. 166
 Fuller, Alice. 107
 Fuller, Stephanie M. P. N. 92
 Fullerton, David A. 123
 Fumagalli, Umberto. 155
 Funk, Luke M. 105, 126, 138
 Furukawa, Kenai. 117
 Futagawa, Yasuro. 166
 Gabale, Salil D. 179

G

- Gabre-Kidan, Alodia. 160
 Gadepalli, Samir K. 48
 Gaertner, Daniel. 156, 165
 Gaffar, Iljana M. 133
 Gaffey Ann C. 122
 Gaines, Barbara A. 94, 131
 Gajjar, Aakash H. 161
 Galante, Joseph M. . . . 109, 120, 174
 Galey, Kelly M. 146
 Galiano, Robert D. 125
 Gallagher, Joseph T. 150
 Gallagher, Katherine A. . . . 122, 140
 Gallant, Sara C. 151
 Gallo, Alberto S. 144, 146, 149

Galvani, Carlos A.	108	Ghanta, Swapna.	111, 138, 170	Gonzalez, Dani O.	115
Gamboni, Fabia	134	Ghasoup, Asem S.	178	Gonzalez, Eduardo	134
Gamelli, Richard L.	133	Ghing-Chi Sham, Jonathan	146	Gonzalez, Ricardo J.	175
Gan, Tong-Joo	169	Ghirardelli, Luca	154	Gonzalez, Richard P.	54
Ganapathi, Asvin.	112, 164	Giaccaglia, Valentina.	108	Gonzalez, Segundo J.	141
Gander, Jennifer	140	Giannone, Jonathan	157, 159	González-Romero, José J. L.	161
Gandhi, Chirag D.	87	Giatsidis, Giorgio.	125	Goodacre, Tim.	170
Gandhi, Rajesh Ramesh	88	Gibb, Randall K.	168	Gooding, William E.	123
Ganelin, Arkady	179	Gibbons, Bobby L.	158	Goodney, Philip P.	172
Gangi, Alexandra.	138	Gibbons, Melinda	139	Goodwin, Isak A.	138
Gao, Feng	168	Gibbs, Karen E.	164	Gooi, Zhen	151
Gao, Xiaofei	117	Gibbs, Verna C.	106	Gopalakrishnan, Rajaram.	117
Gapsis, Briana	124	Gibney, Barry C.	123	Gordon, Leo A.	37
Garbee, Deborah.	135	Gibran, Nicole S.	133	Gordon, Tessa	170
Garber, Judy E.	83	Gidi, Alejandro	163	Gordy, Stephanie D.	57
García Álvarez, Javier J.	174	Gifford, Edward	120, 133	Gorges, Rebecca J.	137
Garcia Botella, Sandra	153	Gifty, Kwakye.	172	Gorgun, I. Emre	49, 145, 154, 161, 162
Garcia, Salvador	114	Giglia, Joseph S.	59, 60	Gorospe, Deidre	171
Garcia-Aguilar, Julio E.	53, 54, 130	Gilani, Ramyar	144	Gosling, Andre F.	173
García-Sabrido, J. L.	132	Gilbert, Barnabas	174	Gosselin, Richard A.	117
Garden, O. James	36	Gilbert, Carol M.	172	Gottlieb, Daniel J.	172
Gardenier, Jason C.	111, 138, 170	Gilbert, Erin W.	166	Gou, Shanmiao	165
Gardner, Aimee K.	134	Gill, Brijesh	164	Goudy, Steven L.	131
Gardner, Paul A.	129	Gillen, Jacob R.	60	Gould, Jon C.	57, 148
Garfein, Evan S.	138	Gillespie, Theresa	159, 160	Gould, Lisa J.	138
Garg, Trit	105	Ginsberg, Jill P.	97	Gourlay, David M.	118, 119
Garnett, Jeannine	127	Gitelis, Matthew E.	163, 165	Govindarajan, Venkatesh.	175
Garofalo, Evan	108	Gittes, George K.	133	Gow, Ken W.	112
Garraway, Naisan	172	Giuliano, Maria Elena	153	Gowing, Steven D.	159
Garrett, Matt	171	Giulianotti, Pier C.	101, 143, 146, 147	Gozalez Heredia, Raquel	143
Garrison, Aaron.	155	Glaser, Gretchen E.	168	Grabo, Daniel J.	74
Garvey, Erin M.	173	Glasgow, Robert E.	159	Grabowski, Julia E.	131
Garvey, Patrick B.	83, 170	Glatt, Daniel.	174	Gracia, Gerald J.	111
Garvin, Joseph	154	Gleason, Thomas G.	101	Gracias, Vicente H.	78
Gaski, Greg E.	113	Glen, Jason.	119	Graffeo, Christopher.	165
Gatson, Joshua W.	129	Glick, Philip L.	50	Graham, Laura A.	126, 130, 159
Gaudin, Daniel.	168	Glick, Zachary	50	Grahammer, Johanna	163
Gauvin, Jeffrey M.	135	Go, Michael R.	59	Grams, Jayleen M.	115, 159
Gawande, Atul A.	172	Godtliabsen, Fred	172	Granet, David B.	77
Gawlick, Ute.	111	Godwin, Andrew	124	Grant, Christa N.	114, 128, 131
Gayer, Christopher P.	115	Goh, Terence	170	Grantcharov, Teodor P.	119, 135
Gayet, Brice	153	Gokaslan, Ziya L.	129	Grau, Juan B.	123, 124
Gebhart, Alana	105	Golas, Alyssa R.	129	Graver, Adam J.	129
Geiger, James D.	169	Goldberg, Amy J.	91, 134, 159	Graves, Holly L.	120, 153
Geist, Heather	160	Goldberg, Michael B.	134	Graves, Scott	125
Geletzke, Abby K.	118, 124	Goldberg, Ross F.	147	Graw Lamond, Katherine.	89
Geller, Charles M.	160	Goldblatt, Matthew I.	115	Gray, Marjorie	145
Geller, David A.	128, 135, 166	Golden, Jamie M.	131	Gray, Richard J.	70, 173
Gemignani, Mary L.	80, 81	Goldfarb, Melanie R.	105, 112	Greco, Stephanie.	165
Gemmato, Courtney J.	144	Goldin, Adam B.	112	Green, Benjamin L.	116, 127, 142
Geni, Ricardo	155	Goldman, Ariel	129	Green, Donald J.	126, 129, 135, 137, 178
Gentry, Carol	117	Goldman, Charles D.	135	Greenberg, Caprice C.	79, 108, 137, 172
Genyk, Yuri	158	Goldstein, Allan M.	116	Greenberg, Jacob A.	57, 71, 105, 108
George, Mitchell J.	164	Goldstein, Leanne.	175	Greenberg, Sarah L. M.	118
George, Steve.	107	Golla, Dinakar	38	Greene, Arin K.	138
George, Virgilio V.	49	Gomelsky, Alexander	179	Greene, Bettye.	79
Gerke, Henning	143	Gomez, Luis F.	152	Greene, Christina L.	144
Gershenwald, Jeffrey E.	97, 98	Gomez, Pedro P.	120	Greene, Kirsten L.	121
Gerth, David J.	170	Gonçalves, Ana C.	166	Greene, Wendy R.	74, 137
Gfrerer, Lisa	171	Gönen, Mithat	176	Greenhalgh, David G.	87, 124
Ghaferi, Amir A.	115, 126, 139	González Chávez, Mario A.	163		
Ghali, Shadi	138	Gonzalez, Andrew A.	126		
Ghali, William	116	Gonzalez, Anthony M.	101		
Ghanta, Ravi K.	136				

- Greenstein, Alexander J. . . . 109, 146
 Greenup, Rachael A. 121
 Greenwood, Jeremy 132
 Greer, Danielle M. 172
 Greer, Jonathan B. 116, 127, 132
 Gregg, Sara R. 172
 Gregg, Shea C. 63, 134
 Gregory, Jay A. 42
 Greif, Jon M. 79
 Grenda, Tyler 136
 Gries, Lynn 129, 135
 Griffen, Kate C. 171
 Griffith, Rogers C. 123
 Grikscheit, Tracy C. 114, 128
 Grillo, Federica 108
 Grim, Rod 108, 174
 Grimm, Joshua C. 160
 Grishin, Anatoly V. 115, 131
 Grobbelaar, Adriaan O. 138
 Groen, Reinou 175
 Grogan, Raymon H. 127
 Grondin, Sean C. 126
 Grosfeld, Jay L. 36
 Grossi, Robert 179
 Grossmann, Rafael J. 49
 Grotz, Travis 176
 Grover, Amelia C. 97
 Grubbs, Clinton 131
 Grubbs, Elizabeth G. 100
 Gruen, J. Peter 171
 Gruessner, Angelika C. 108
 Guarneri, Giovanni 153
 Gudipati, Saketh 174
 Guerrero, Marlon A. 166
 Guerrero-Berger, Oscar 168
 Guerrieri, Mario 145
 Guerron, A. Daniel 156
 Guess, Katherine E. 177
 Guha, Chandan 130
 Guidry, Christopher A. 139
 Guiducci, Gian M. 154
 Guillaumondegui, Oscar D. 88, 134, 142, 171
 Gulack, Brian C. 164
 Guler, Ozgur 141
 Gullick, Allison 130
 Gunter Oliver L. 47, 76, 177
 Guntupalli, Saketh R. 129
 Guo, Lian-Wang 110
 Guo, Ping 133
 Guo, Yanhui 141
 Gupta, Anupam 149
 Gupta, Gopal N. 151
 Gupta, Manjula K. 106
 Gupta, NavYash 107
 Gupta, Shailvi 175
 Gurney, Jennifer M. 107
 Gurtner, Geoffrey C. 69, 116, 117, 128, 138
 Gurtner, Jeffrey C. 125
 Gusani, Niraj J. 50
 Gutnick, Jesse R. 90
 Gutsche, Jacob 130
 Guy, Michael S. 129
 Guyette, Jacques P. 109
 Guyton, Robert A. 112, 160
 Guzzo, Thomas J. 132
- ## H
- Haas, Eric M. 162
 Haber, Daniel A. 158
 Haberle Orrego, Maria F. . . . 150, 166
 Habermann, Elizabeth B. . . . 133, 139
 Habib, Fahim A. 109, 177
 Hackam, David J. 119, 131
 Hackenberg, Berit 111
 Haddad, Nadim 156
 Haddix, Seth 141
 Hadeed, Steven 172
 Hagberg, Carin 98
 Hagen, Jeffrey A. 144
 Haggerty, Stephen P. 165
 Hagopian, Ellen J. 103
 Haider, Adil H. 113, 116, 137, 139, 141
 Haier, Jörg 166
 Haimi, Joshua M. 144
 Halabi, Wissam J. 173
 Halaweish, Ihab 134
 Halbert, Caitlin A. 150
 Halkos, Michael E. 160
 Hall, Bruce L. 41, 113
 Hall, Chad M. 137
 Hall, Jason F. 130
 Hall, Matthew 141
 Hall, Michael R. 179
 Hallbeck, Susan 107
 Hallowell, Peter T. 139
 Haltmeier, Tobias 177
 Halverson, Amy L. 46, 51, 52, 79
 Ham, Sandra A. 171
 Hamadani, Fadi 164
 Hameed, S. Morad 126, 172
 Hamid, Hytham 163
 Hamil, Mark E. 172
 Hamilton, Alexandra 123
 Hamilton, John F. 148
 Hamilton, Zachary 122
 Hammad, AbdulRahman Y. . . . 162
 Hammill, Chet W. 106
 Hammoud, Zane 112
 Hampson, Lindsay A. 142
 Hampton, David A. 133
 Hamstra, Stanley J. 134
 Hamy, Antoine 141
 Han, Christopher 122
 Han, Mei 136
 Han, Song 176
 Han, Yimel 120
 Hanasono, Matthew M. 168
 Handa, Takemi 159, 168
 Handmer, Marcus M. 156
 Handorf, Elizabeth 132
 Hang, Dustin 136
 Hangge, Patrick T. 156
 Hanif Ali Mohammad, Farah . . . 153
 Hanks, John B. 66, 89, 100
 Hanna, Mark H. 141
 Hannan, Robert 124
 Hans, Sarah 174
 Hanseman, Dennis 172
 Hansen, Nora M. 53
 Hansen, Paul D. 106
 Hansenman, Dennis J. 139
 Hansraj, Natasha 115
 Hanssen, Andres L. 153, 157
 Hanssen, Rafael A. 157
 Harb, Jennifer N. 175
 Harder, Kathleen 171
 Hardy, Mark A. 117
 Harigai, Motoko 144
 Haring, R. Sterling 113
 Harlander-Locke, Michael P. . . . 122
 Harling, Henrik 161
 Harmon, Carroll M. 84
 Harmon, John W. 177
 Harness, Jay K. 65, 84
 Harnsberger, Cristina R. 105, 141, 144, 146, 149, 157
 Harold, Kristi L. 144, 148
 Harper, Jonathan D. 174
 Harper, Luke 95
 Harriman, Geraldine 132
 Harris, Jennifer W. 106, 144
 Harris, Leonard R. 130
 Haruki, Koichiro 117, 166
 Haruta, Shusuke 145
 Harwood, James 132
 Harzman, Alan E. 153
 Hasegawa, Kiyoshi 127
 Hasegawa, Miki 175
 Hashida, Hiroki 167
 Hashimoto, Masaji 107
 Hashmi, Ammar 178
 Hashmi, Zain G. 137, 139
 Hasko, Gyorgy 124
 Hassan, Imran 153
 Hassanain, Mazen M. 113, 166
 Hassett, Cheryl A. 138
 Hathaway, Emily 90
 Hatipoglu, Betul 106
 Hatzaras, Ioannis 115
 Hauch, Adam T. 164
 Haut, Elliott R. 139
 Havlena, Jeffrey A. 137
 Hawn, Mary T. 43, 58, 59, 126, 127, 130
 Hayanga, Awori J. 110, 160
 Hayari, Lili 169
 Hayden, Dana M. 162
 Hayes, Alex B. 116
 Hayes, Andrea 160
 Hayes-Gill, Barrie 177
 Haynes, Alex B. 118, 139, 172
 Haze, Jeffrey W. 46, 47, 100, 149
 He, A. Ruth 156
 He, Jun 136
 He, Wei 134
 Hebert, Christopher J. 141
 Hedrick, Holly L. 119
 Heffernan, Daiti J. 124, 134
 Hehir, Dermot J. 153

Heimann, Tomas M.	144, 145	Hobson, Deborah B.	126	How, Remealle A.	128
Heise, Charles P.	57	Hockenberry, Mark S.	151	Howard, Benjamin M.	133, 134
Heit, John A.	113	Hodin, Richard A.	106	Howard, James M.	124
Hell, Wolfram.	178	Hoedema, Rebecca.	108	Howe, James R.	120
Heller, Stephanie.	134	Hoefer, Richard A., Jr.	117	Howell, Brittny W.	152
Hellmich, Mark R.	127, 133	Hoен, Helena M.	106	Howell, Kenneth.	122
Helmrath, Michael A.	118	Hoffe, Sarah E.	112	Hoyos, Tatiana.	149
Helton, W. Scott.	152	Hoffman, Darryl M.	160	Hoyt, David B.	41
Henderson, J. Michael.	41	Hoffman, Gerhard.	179	Hsia, Henry C.	138
Henderson, William.	126	Hoffman, Martin.	163	Hsieh, Terry.	124
Hendren, Samantha.	126, 142	Hoffman, Rebecca L.	135	Hsu, Chiu-Hsieh.	109
Heniford, B. Todd.	110, 178	Hogan, Anthony R.	169	Hsu, Kun-Tai.	106
Henke, Peter K.	122, 139	Hogan, Jessica L.	124	Hu, Eric.	118
Henn, Matthew C.	136	Hogg, Melissa E.	53, 147	Hu, Junyi.	113, 169
Henry, Sharon M.	108	Hokugo, Akishige.	111, 112, 170	Hu, Michael S.	116, 125, 138
Herford, Alan S.	102	Holcomb, Carla N.	126	Hu, Min.	125
Heriot, Alexander G.	95	Holcomb, John B.	133	Hu, Tian.	163
Herlin, Christian.	170	Holder-Murray, Jennifer M.	144	Hu, Yinin.	174
Hermanek, Paul.	108	Holena, Daniel N.	126	Huan, Chongmin.	133
Hermiz, Steven J.	90	Hollands, Celleste M.	112	Huang, Emina H.	148
Hermosillo, Jose M.	177	Hollenbach, Kathryn.	159	Huang, James.	136
Hernandez, Enrique.	71	Hollenbeak, Christopher S.	116, 131	Huang, Ke-Jung.	125
Hernandez, Juan D.	143	Holley, Christopher.	136	Huang, Kevin.	175
Hernandez, Miguel A.	161	Hollyfield, Jonathan.	127	Huang, Lyen C.	141
Hernandez, Roland A.	128, 142	Holmer, Hampus.	118	Huang, Wei-Ching.	161
Herndon, David N.	124, 133	Holmes, James H.	87	Huang, Yong.	163
Herrera, Gabriel.	143	Holmes, Megan.	108	Huber, Tobias.	173
Herrera, Miguel F.	159	Holsinger, Floyd C.	151	Huffman, Lynn.	160
Herrera-Zamora, Julio.	159	Holst, Daniel.	108, 174	Hugar, Lee A.	175
Herrero, M.	132	Holt, Ginger E.	91, 92	Hughes, Jennifer K.	168
Herrmann, Virginia M.	60	Holt, Jarred.	148	Hughes, Kevin S.	52
Herron, Daniel M.	66, 143, 155, 156	Holt, Shelby A.	141	Hughes, Marybeth S.	167
Herzberg, Mark.	117	Holway, Haley E.	178	Hughes, Steven J.	67, 80, 112, 176
Heslin, Martin J.	130	Holzbeierlein, Jeffrey M.	122	Hughes, Tyler G.	59, 89, 94
Hess, Philip J., Jr.	123	Holzman, Michael D.	100, 126	Huh, Warner K.	140
Hetz, Robert A.	117, 119	Holzmann, Christopher.	178	Huk, Matthew D.	113
Heydrick, Stanley.	115	Homs, Amer M.	156	Huling, Jennifer.	128
Hibi, Taizo.	166	Honda, Goro.	150	Hull, Tracy L.	162
Hickerson, William.	149	Hong, Guiying.	122	Hume, Eric L.	112, 130
Hicks, Caitlin W.	139	Hong, Julie.	159, 160	Hund, Samuel.	122
Hicks, Terrell C.	64	Hong, Young.	167	Hungness, Eric S.	72, 103
Hidaka, Masaaki.	166	Hooks, W. Borden III.	143, 146	Hunjan, Pawandeep S.	159
Higashijima, Jun.	176	Hooper, Rachel C.	128	Hunsinger, Marie A.	107
Higgins, Kristin.	159, 160	Hope, William W.	143, 146	Hunt, David R.	74
Higgins, Robert S.	38	Hopmans, Cornelis J.	134	Hunt, Kelly K.	83
Hildebrand, Frank.	178	Horattas, Elya.	164	Hunt, Steven R.	81, 134
Hill, Joshua S.	120	Horattas, Mark C.	164	Hunter, Catherine J.	115
Hindberg, Kristian.	172	Horgan, Santiago.	105, 144, 146, 147, 149, 157	Hunter, John D.	130, 159
Hindin, David.	138	Hori, Shutaro.	167	Hunter, Lawna.	144
Hines, O. Joe.	2	Horie, Hisanaga.	161	Hurd, William W.	96
Hingorani, Anil P.	179	Hornicek, Francis J.	129	Hurton, Scott M.	106
Hinshaw, Daniel B.	70	Horst, Matilda M.	169	Hussain, Nuzhat.	175
Hirabaru, Masataka.	109, 159, 165, 166	Horvath, Karen D.	80, 152	Hussein, Marwan.	141
Hirajima, Shoji.	164	Hoshi, Hisakazu.	143	Hussein, Samir.	130
Hirakawa, Kosei.	176	Hoshino, Masato.	113, 147	Hutchison, Ryan.	171
Hiramatsu, Tomomasa T.	169	Hoskins, James.	144	Hutter, Matthew M.	78
Hirano, Satoshi.	173	Hosoda, Kei.	121, 175	Hwang, E. Shelley.	57, 70
Hirose, Kenzo.	167	Hosotani, Ryo.	167	Hyder, Joseph A.	142
Hirst, Allison.	173	Hotta, Ryo.	116	Hyman, Neil H.	43
Hisamori, Shigeo.	144	Hou, Xiao-gang.	128	Hyun, Jeong S.	125
Ho, Catherine.	151	Hourigan, Jon S.	54, 171	Hyung, Woo Jin.	53
Hobbs, Susan K.	146	Houser, Benjamin D.	116		

Ian, Minglei 117
 Iannitti, David A. 146, 166
 Iannuzzi, James C. 110, 116, 139
 Ibrahim, Zuhair. 138
 Ibrahim-Zada, Irada 110
 Ichikawa, Daisuke 158, 164, 176
 Icli, Basak. 125
 Ielpo, Benedetto 147, 156
 Ifesanya, Adeleke O. 168
 Iglesias, Martin 159
 Iglesias, Rodrigo A. 136
 Ihde, Sue E. 172
 Ijzermans, Jan M. 134
 Ikemoto, Tetsuya. 176
 Ikoma, Hisashi. 176
 Ikramuddin, Sayeed . . . 98, 143, 157
 Ilhan, Haseyin 151
 Ilyas, Mohammed Iyooob
 Mohammed 161
 Imamura, Taisuke 164, 176
 Imhoff, Laurel R. 86, 146
 Imura, Satoru. 176
 Inaba, Kenji . . . 63, 93, 95, 107, 141,
 177, 178
 Inabnet, William B. III . . . 2, 98, 145,
 147
 Inamoto, Susumu 176
 Inchauste, Suzanne M. . 90, 159, 167
 Ingabire, J. C. Allen 139
 Inoguchi, Kenta 167
 Inouye, Sharon K. 94
 Intelisano, Antonio 176
 Iovanna, Juan L. 133
 Iqbal, Aftab 137
 Iqbal, Corey W. 155
 Irakiza, Jean Jacques J. 118
 Iranmanesh, Sina. 152
 Isaacs, Abby. 108
 Isch, John A. 150
 Isetani, Masashi. 156
 Ishida, Yoshinori. 165
 Ishida, Yuichi Y. 166
 Isik, Ozgen 145, 154, 161
 Israel, Heidi 112, 168
 Israelite, Craig L. 112
 Itami, Atsushi 151
 Itani, Kamal M. F. 38, 102, 126
 Itano, Osamu 166
 Itatani, Yoshiro 176
 Ito, Masaaki 161
 Itoh, Yoshiyuki. 162
 Ivatury, Rao R. 67
 Ives, Crystal. 141
 Iwase, Ryota. 117
 Iyer, Priya. 143, 149, 150, 156

J

Jabbour, Pascal M. 168
 Jablons, David M. 79
 Jacko, Sally A. 178
 Jackson, Benjamin M. 153
 Jackson, Beth 178
 Jackson, John D. 117, 128
 Jackson, John R. 128

Jackson, Katharine L. 162
 Jackson, Oksana 153
 Jacob, Brian P. 150
 Jacob, Carlos E. 153
 Jacobs, Michael I. 149
 Jacobsen, Garth R. . . 105, 146, 147,
 149, 157
 Jacoby, Adam 122, 128
 Jacofsky, David 171
 Jaehne, Anja K. 169
 Jafari, Fariba 141
 Jafari, Mehraneh D. 141, 173
 Jaff, Michael R. 126
 Jagannathan, N. R. 110
 Jahansou, Cyrus 143
 Jakob, Tomas. 149
 Jaksic, Tom 92
 Jakub, James W. 120, 176
 Jaladanki, Rao 115
 Jalilvand, Anahita 145
 Jalouta, Tarek K. 108
 James, David 118
 Jameson, John S. 130
 Janco, Jo Marie T. 168
 Janjua, M. Burhan 136
 Januszyk, Michael. 116
 Jaramillo, Joshua D. 139
 Jarboe, Marcus D. 48, 155
 Jarman, Benjamin T. . 119, 135, 173
 Jarnagin, William R. . 165, 167, 176
 Jaroszewski, Dawn E. 143, 144
 Jarrahy, Reza . . . 111, 112, 170, 175
 Jarrett, Craig M. 126
 Jatana, Kris R. 46, 82
 Javid, Sara 112
 Jawad, Muhammad A. . . 148, 157,
 159
 Jayaprakash, Namita 169
 Jayarajan, Senthil 159, 177
 Jayaraman, Sudha. 139
 Jean, Robert J. 90
 Jeanty, Cerine 119
 Jeffery, Steven L. A. 155
 Jelin, Eric B. 155
 Jenkins, Christina S. 113
 Jenkins, Donald H. 63
 Jenkins, Matt 138
 Jensen, Aaron R. 99
 Jeruss, Jacqueline S. . . 52, 102, 120
 Jessie, Elliot. 170
 Jia, Hongpeng 119
 Jia, Jianluo 109
 Jiangjiang, B. 177
 Jimenez, Fernando 117
 Jobe, Blair A. 146, 160
 Joh, Suviraj J. 140
 Johanning, Jason M. 140
 Johnson, Adam 177
 Johnson, Douglas R. 123
 Johnson, Eric K. 63, 64
 Johnson, Frank E. 168, 175
 Johnson, Jeffrey A. 128
 Johnson, Kevin N. 144
 Johnson, Laura S. 135

Johnson, Lynt B. 156
 Johnson, Morris G. 163
 Johnson, Nathalie M. 82
 Johnston, Douglas R. 136
 Johnston, Gregory 162
 Johnston, Maxamillian J. 115
 Johnston, W. Cory. 106
 Jones, Andrew. 163
 Jones, Daniel B. 81
 Jones, Daniel G. 159
 Jones, Rachel. 149
 Joos, Emilie 154, 173
 Jordan, Gerald H. 121
 Jørgensen, Lars N. 161
 Joseph, Bellal. . 126, 129, 131, 135,
 137, 172, 178
 Joseph, D'Andrea 110
 Joseph, Kimberly 178
 Joseph, Richard W. 176
 Joseph, Rohan. 147
 Joseph, Walter J. 111, 138, 170
 Joshi, Amir R. T. 134
 Joshi, Mandip 123
 Joubert, Kyla 178
 Jovine, Elio. 155
 Joyce, Jeremiah. 128
 Jrebi, Nezar 108
 Judge, Sean 175
 Juhasz, Arpad 147
 Juillard, Catherine J. 109
 Junginger, Theodor T. 108
 Jupiter, Daniel C. 106, 107, 137
 Jurkovich, Gregory J. 77, 127
 Justinger, Christoph . . 156, 165
 Juza, Ryan M. 145, 155, 164
 Juzgado, Diego 147

K

Kaafarani, Haytham M. A. . 38, 126
 Kaban, Jody M. 173
 Kaban, Leonard B. 101, 129
 Kabbani, Loay 153
 Kachare, Swapnil D. 132, 139
 Kachroo, Naveen. 110
 Kaihara, Satoshi 167
 Kaiser, Heather E. 110, 160
 Kaiser, Larry R. 84
 Kaji, Amy H. 120, 133
 Kajno, Esi 123
 Kalady, Matthew F. 161, 162
 Kalbfleisch, John. 178
 Kalhan, Sudhir. 140
 Kalish, Jeffrey A. 110
 Kalpakis, Konstantinos . . . 108
 Kalra, Kanika 112
 Kamal, Tareq 154
 Kamani, Dipti. 162
 Kanamoto, Mami. 176
 Kanbar, Ahad I. 154
 Kandel, Jessica J. 131
 Kandil, Emad . . . 151, 152, 162, 163,
 168, 169
 Kane, John III. 111
 Kane, Timothy D. 155

Kanetaka, Kengo	109, 165, 166	Kellicut, Dwight C.	56	Kim, Helen	174
Kaneva, Pepa	120	Kellogg, Benjamin E.	75	Kim, Hong Jin.	121, 127
Kang, Sang-Hee	173	Kelly, Kristin N.	116, 139, 172	Kim, Jaehyun	128
Kanter, Evelyn M.	136	Kelly, Lori A.	160	Kim, Joseph	127
Kanter, Kirk R.	124	Kelly, Rosemary F.	136	Kim, Julian A.	146
Kao, Huang-Kai	95	Kelz, Rachel R.	41, 59, 120, 126, 135	Kim, Lawrence T.	51
Kao, Lilian S.	63, 115, 135, 139, 141, 142	Kemp, Stephen	170	Kim, NaJung.	117, 128
Kapadia, Muneera R.	64	Kempe, Kelly	122	Kim, Peter	141
Kapeller, Rosana	132	Kendrick, Daniel	153, 173	Kim, Peter C. W.	141
Kaplan, Lewis J.	63, 72, 120, 133, 134	Kendrick, Michael L.	133	Kim, Sungjin.	108
Kara, Taylan.	151	Kenji, Uryuhara	167	Kim, Teresa S.	127
Karagiorgios, Nikolaos	146	Kennedy, Frank R.	154	Kim, Woon C.	118
Karakla, Daniel W.	94	Kennedy, Gregory D.	111, 114, 126, 139	Kimura, Shoko.	128
Karakousis, Giorgos C.	135	Kennedy, Timothy J.	175	Kin, Cindy J.	141
Karam, Amer	71	Kent, K. Craig.	94, 100, 110, 141	Kind, Amy J.	137
Karam, Jose A.	121	Kerber, Michael	127	Kindel, Tammy	149
Karamanos, Efstathios	107, 110	Kerby, Jeffrey D.	177	King, David R.	126
Karanicolas, Paul J.	104	Kermani, Reza	107	King, Elizabeth G.	115, 124, 141
Karmali, Riaz	121	Kernstine, Kemp H., Sr.	144	King, Tari A.	93, 120
Karpeh, Martin S., Jr.	2, 179	Keshava, Hari	142	Kingham, T. Peter	117, 165, 167, 176
Kashiwagi, Hideyuki	113	Kesinger, Matthew R.	117	Kingsley, Samuel	178
Kashyap, Vikram S.	153, 173	Kessler, Hermann P.	154, 160, 162	Kinnier, Christine V.	126
Kasotakis, Georgios	141	Ketteler, Erika R.	70	Kinsella, Timothy	161
Kastenmeier, Andrew S.	57	Keune, Jason D.	135, 137	Kinugasa, Yusuke	161
Katada, Natsuya	121, 175	Keung, Connie H.	131	Kiraly, Laszlo N.	116, 120
Katada, Yoshiaki	166	Keung, Emily Z.	127	Kiran, Pokala R.	160, 162
Katagiri, Toshio	147	Kevorkian, Noubar M.	110	Kiran, Ravi P.	61
Katdare, Mukta V.	103	Khadaroo, Rachel G.	124	Kiselove, Vladimir.	135
Kather, Ryan	129, 137	Khader, Adam	124	Kiser, Andy C.	144
Katlic, Mark R.	94	Khadra, Helmi	151, 163, 168	Kishi, Yoji	167
Kato, Hiroaki	173	Khagani, Asghar	160	Kister, Nathaniel L.	144, 145, 174
Kato, Takashi	167	Khaitan, Leena.	150	Kitagawa, Hirohisa	177
Kato, Toshio	162	Khaku, Aliasgher M.	116	Kitagawa, Yuko	166
Katz, Danielle A.	103, 111, 129, 130	Khalil, Jad Abou	106	Kitago, Minoru.	166
Katz, Lester B.	150	Khalil, Mazhar	129	Kitajewski, Chris	131
Katz, Matthew H. G.	96, 101	Khalilinejad, Kambiz.	107	Kitasato, Amane	109, 159, 165, 166
Kauff, Daniel W.	130	Khan, Amna N.	163	Kitchen, Brenda	169
Kaufman, Melissa R.	121	Khan, Iqbal Z.	163	Kiyasu, Yoshiyuki	161
Kaul, Ashutosh	157	Khan, Waqar	163	Klaristenfeld, Daniel D.	38, 85
Kaup, Krista L.	52, 63, 76	Khat, Purvesh	133	Klazynski, Brian C.	127
Kaur, Gagan P.	178	Khat, Rohini	143, 144	Kleyner, Yana.	153
Kavantzias, Nikolaos	127	Khat, Vijay P.	106	Klimowicz, Alexander.	130
Kawabe, Norihiko	156	Khetan, Mukund	140	Kliner, Cameron E.	115, 179
Kawada, Hironori	144	Kheyson, Borislav.	179	Klingensmith, Mary E.	135
Kawada, Kenji	176	Khoraki, Mohammad J.	105, 157	Klune, John R.	128, 135
Kawaguchi, Yoshikuni	153	Khullar, Onkar V.	160	Kneist, Werner.	130, 173
Kawamukai, Kenji	154	Khujaja, Kosar A.	154	Knod, J. Leslie	131
Kawarada, Yo.	173	Kibbe, Melina R.	122	Knoedler, Jean.	171
Kawase, Jin	156	Kidwell, Kelley M.	170	Knowles, Martyn.	152
Kay, Sandra M.	155	Kikuchi, Shiro	175	Knudsen, Bruce.	117
Kazaure, Hadiza S.	165	Kilbane, E. Molly.	113	Knudson, Mary M.	109
Kebebew, Electron	88, 105, 106, 120, 121, 163	Kilgo, Matthew	169	Ko, Andrew	73
Keck, Tobias	163	Kilgo, Patrick	160	Ko, Clifford Y.	39, 96, 139, 171
Keel, Christopher	151	Killackey, Maureen A.	111	Ko, In Kap.	128
Keenan, Benjamin.	115	Killen, Cameron J.	123	Kobayashi, Hiroyuki	167
Keenan, Jeffrey	130	Kim, Aimee G.	117	Kobayashi, Shin.	150
Kellagher, Caroline M.	135	Kim, Anthony W.	112	Kobayashi, Takashi.	175
Kelleher, Shannon L.	118, 124	Kim, Bohyun	168	Kodadek, Lisa M.	80
Keller, Jennifer.	112, 168	Kim, Cheil.	128	Kodner, Ira J.	135, 137
Kelley, Amy S.	137	Kim, David S.	169	Koizumi, Tomotake.	167
		Kim, Dennis Y.	120, 133	Kokai, Endre	124
		Kim, Donald G.	108	Kokudo, Norihiro N. K.	127

Kollmeyer, Kenneth R.	179	Kruk, Peter G.	131	Lampe, Pawel	111
Koltai, Peter J.	82	Krukas, Michelle R.	106	Lancaster, Robert T.	122, 140
Koltun, Walter A.	76, 130	Krummel, Thomas M.	35	Lancaster, William	148
Kolvunen, Debra G.	84	Kruper, Laura L.	175	Lang, Hauke	130, 173
Komatsu, Shuhei	158, 164, 176	Kryzhanouski, Mikhail	173	Langan, Eugene M.	57
Komenaka, Ian K.	109	Kua, Ee Hsiang Jonah	170	Langenback, Mike Ralf	163
Konatsu, Shuhei	176	Kubasiak, John	173	Langenfeld, Sean J.	119
Konatsu, Yoshihiro	160	Kubo, Naoshi	176	Langer, Monica	112
Kondo, Masato	167	Kubo, Yoshiro	108	Langerman, Alexander	86, 171
Kondo, Nobuo	159, 168	Kubota, Takeshi	158, 176	Langhals, Nicholas B.	138, 171
Konerding, Moritz A.	123, 136, 140	Kuethe, Joshua W.	116	Langness, Simone M.	90
Koneru, Babuaro	165	Kuirong, Jiang	106	Langstraat, Carrie	113
Koning, Jeffrey L.	131	Kukreja, Jasleen	136	Lansky, David	102
Konishi, Hirotaka	158, 164, 176	Kulaylat, Afif N.	90, 131	Lanuti, Michael	86, 112
Kono, Emiko	165	Kulkarni, Swati	70	LaPar, Damien J.	123
Konoshita, Naoe	165	Kulvatunyong, Narong	126, 129, 131, 135, 137, 178	Lapin, Brittany	165
Konstantinidis, Ioannis	167	Kumar, Mohan	121	Larach, Sergio W.	144, 150
Kooby, David A.	91, 106, 108, 120, 149, 150, 166	Kumar, Rajeev	95, 110	Laranja, Mafalda	166
Koomalsingh, Kevin	156	Kumar, Ravi	161	Larentzakis, Andreas	126
Koppolu, Raji	139	Kumar, Sanjeev	113	LaRocca, Christopher J.	117
Korb, Melissa L.	121, 130, 140	Kumar, Shicha	111	Laronga, Christine	176
Kornblith, Lucy Z.	133, 134	Kumar, Subodh	95	Larson, David W.	61
Korsh, Jessica	169, 178	Kumar, Surender	167	Larson, Jeffrey	40
Kosco, Balazs	124	Kumar, Suresh	113, 161	Laser, Adriana	80
Koshy, Ninan	150	Kunac, Anastasia	118, 137, 175	Laskowski, Igor A.	179
Kosiak, Donald	49	Kundzins, John R.	172	Latifi, Rifat	49, 88, 169, 178
Kosmach, Steven C.	117	Kuo, Paul C.	74	Lattouf, Omar M.	160
Kosovec, Juliann E.	160	Kuo, Wei-Ting	149, 152	Lau, James N.	140, 146
Kosseim, Laura M.	112	Kurapati, Srikanth	113	Laudanski, Jerzy	111
Kostopanatiotou, Georgia	127	Kurashima, Yo	173	Laukoetter, Mike G.	164
Kosuge, Tomoo	167	Kurata, Masanao	150	Laurence, Rita	123
Kosugi, Shin-Ichi	175	Kurian, Ashwin A.	144	Lavarias, Valentina	179
Kotake, Masanori	108	Kurian, Marina S.	78	Law, Katherine E.	108
Kothari, Shanu N.	150	Kurobe, Masashi	169	Lawrence, J.	150
Kotsis, Thomas	127	Kuroki, Tamotsu	109, 159, 165, 166	Lawrence, Peter F.	122
Kouchi, Makiko	165	Kusachi, Shinya	108	Lawson, Elise H.	139
Kouladouros, Konstantinos	156, 165	Kusano, Tomokazu	167	Lawton, Jennifer S.	136
Kouretas, Karen	109	Kushner, Adam L.	117, 175	Laxa, Bernadette	147
Koutourousiou, Maria	129	Kushner, George M.	101	Layer, Graham T.	95
Kovach, Stephen J.	167	Kushwaha, Jitendra K.	175	Lazar, Alexander J.	127
Kowalewski, Timothy	174	Kutcher, Matthew E.	133	Lazar, Eric L.	158
Kowalski, Rebecca B.	147	Kutikov, Alexander	132	Lazar, John F.	143, 146
Koyama, Tatsuki	121	Kuwano, Hiroyuki H.	141	Lazar, Melissa	107
Koyama, Yu	120, 161, 175	Kwaan, Mary R.	115, 139	Lazzaro, Richard S.	143
Kozar, Rosemary A.	44	Kwok, Alvin C.	138	Le, Ivy A.	174
Kozlow, Jeffrey H.	170	Kwolek, Christopher J.	122, 140	Le, Khoi	143, 146
Kraiss, Larry W.	172	Kwon, Michael H.	123	Le, Mina	78
Krakovitz, Paul	151	Kwon, Steven	115	Leach, Brandie	161
Krane, Mukta K.	144	Kwong, Cynthia	109	Leach, Michelle K.	171
Kransinqi, Avdyl	88			Leake, Andrew E.	122
Krarpup, Peter-Martin	161			Leal, Julie N.	165
Krause, Kevin	113			Leasia, Kiara	127
Krause, Robert J.	137			Leckman, Scott A.	70, 108
Kravochuck, Sara E.	161			Leddy, Laura	121
Kreis, Martin E.	108			Lee, Cheong J.	179
Krell, Robert W.	116			Lee, Clara H.	118
Krick, Kellin	138			Lee, David	150
Krishnaswami, Sanjay	117, 118			Lee, Dean A.	117
Kroh, Matthew D.	115, 150, 159			Lee, Debora	174
Kron, Irving L.	123			Lee, Edward C.	161
Kroon, Leah	97			Lee, Eugene	122
Krouchev, Radoslav	173			Lee, Grace S.	140
				Lee, Gwo-Chin	130
				Lee, Jacqueline I.	141

Ma, Xiao-Lei	167	Malin, Edward W.	41	Martinez, Maria Elena	109
Ma, Yifei	141	Malkowicz, S. Bruce	132	Martinez, Matthew W.	160
Maag, Anne-Lise	108	Mallipediti, Mohan K.	130	Martinez, Roberto A.	179
Maan, Zeshaan N.	116, 125, 138	Malo, Christian	154	Martínez-Riera, Antonio M.	161
Mabry, Charles D.	93	Mammas, Constantinos	127	Martinez-Trabal, Jorge	179
Mabry, Robert L.	98	Mammen, Joshua M. V.	106	Martinie, John B.	146, 147, 166
Maccapani, Gabriel.	153, 156	Manchio, Jeffrey V.	154	Martin-Perez, Beatriz	144
MacCarthy, Andrea	136	Mancino, Anne T.	55, 56	Martins, Monica	167
Macedo, Antonio Luiz V.	153, 156	Mangi, Abeel A.	159	Martins, Ricardo	167
Macedo, Paulo Jose M.	153	Mangla, Jimmi	113	Martz, Joseph E.	101
MacGillivray, Thomas E.	37, 38	Mangram, Alicia J.	109, 171	Maruthappu, Mahiben	171, 173, 174
Machta, Rachel M.	131, 137	Manguso, Nicholas	113	Marx, Stephen	105
Mackenzie, Colin.	108	Manilich, Elena	160	Masabni, Khalil	123
MacKenzie, Tippi C.	102, 119	Manirakiza, Felix	118	Masetti, Michele	155
Macki, Mohamed.	129	Maniscalco-Theberge, Mary E.	56	Masi, Antonio	115
Maclellan, Reid A.	138	Manley, Geoffrey T.	96	Maskaykina, Irina	110
Maddaus, Michael A.	147	Mannearts, Guido H.	134	Mason, David P.	146
Madden, Michael T.	167	Manning, Benjamin M.	150	Mason, Kristen B.	143
Maddox, John S.	177	Manning, Pamela.	109	Masrur, Mario	143, 146, 147
Maddox, Michael.	151	Mansour, Daniel	115	Massoni, Claudio B.	154
Maddox, Thomas M.	126	Mansour, M. Ashraf.	60, 152	Master, Viraj A.	108, 120, 121, 122, 132, 179
Madigan, Michael C.	122	Mant, David	107	Mastracci, Luca	108
Madkhali, Ahmad	166	Mantyh, Christopher R.	130	Mastroianni, Melissa	171
Maeda, Kotaro	161	Manwaring, Mark	50, 51, 163, 164	Masuda, Takahiro	113
Maegawa, Felipe B.	113	Mao, Hai-Quan.	138	Materazzi, Gabriele.	152
Maffei, Anthony	159	Marcello, Peter W.	49, 130	Matharoo, Gurdeep S.	164
Magee, Greg.	178	Marcet, Jorge E.	50, 51	Mathes, David W.	69, 117, 125
Magee, William P.	111	Marchegiani, Giovanni	149	Mathew, Abraham.	145, 147
Maggard Gibbons, Melinda A.	171	Marcus, Rebecca.	90	Mathew, Jeff.	153
Maggio, Paul M.	48	Mardini, Samir.	69	Mathisen, Douglas J.	112
Magliocco, Anthony M.	130	Marecic, Owen.	125	Matityahu, Amir	98
Magrino, Michael	90	Marecik, Slawomir J.	145, 154	Matone, Jacques	153, 156
Magtibay, Paul M.	147, 148	Margenthaler, Julie A.	175	Matousek, Alexi	118
Mahan, Angela.	106	Mariani, Andrea.	113	Matros, Evan	138
Mahan, Angela L.	174	Marin, Michael L.	152	Matsen, Cindy B.	93
Mahendraraj, Krishnaraj	112, 164, 165, 174	Marin, Pablo	151	Matsuda, Kazuhiro	167
Maier, Zoë	134	Marinez Munive, Angel.	171	Matsuda, Masamichi.	107
Maheswaran, Shyamala	158	Mark, Lynette	98	Matsumura, Yoshiyuki	173
Mahida, Justin B.	112	Markel, Susanne	108	Matsuoka, Nobuhide	159
Mahmood, Ali	162	Markel, Troy A.	131	Matsushima, Hajime	109, 159, 165, 166
Mahmood, Umbareen.	176	Markmann, James F.	128	Matsushima, Kazuhide.	178
Mahmoud, Mohamad	148	Marks, Natalie	179	Mattar, Samer G.	66, 84
Mahmutovic, Adela.	174	Marks, Gerald	145, 158	Matteucci, Valeria	146, 152
Mahvi, David M.	60	Marks, Jeffrey M.	46, 47, 49, 120, 149, 164	Matthews, Jamil	125
Maida, Pietro	153	Marks, John H.	145, 158	Matthews, Jeffrey B.	50
Maier, Ronald V.	2, 72	Marohn, Michael R.	56	Matthews, Jonathan	121, 132
Maine, Rebecca G.	118	Marr, Lisa	137	Mattos, David	171
Maithel, Shishir	108, 166	Marron, J. S.	118	Mattox, Kenneth L.	36, 43, 144
Maiuri, Adriana	151	Marrone, Ciro	108	Maulik, Nilanjana	123, 140
Majid, Saniea	147	Marsh, Wallace	166	Maun, Dipen C.	154
Makary, Martin A.	138	Marshall, Gary.	178	Maurer, Christoph A.	108
Makdissi, Fabio F.	145, 150, 156	Marshall, M. Blair	156	Mavila, Nirmala	118
Makepeace, Carol M.	136	Martin, Benjamin M.	120, 175	Mavrophilipos, Vasilios D.	177
Maker, Ajay V.	146	Martin, Colin	114, 115	Mavros, Michail.	126
Makino, Isamu	177	Martin, Grace.	175	Maxson, Robert T.	94, 178
Makuuchi, Masatoshi	127	Martin, Jeremiah T.	106, 144, 145, 174	Maxwell, Jessica E.	120
Malangoni, Mark A.	163	Martin, Niels D.	74, 134, 174	Maxwell, Robert A.	54
Malas, Mahmoud B.	139, 140	Martin, Robert G. II.	176	May, Addison K.	133
Malatesti, Riccardo.	147	Martin, Russell	138	Maykel, Justin A.	51, 64
Malek, Sayeed K.	128	Martindale, Robert G.	63, 104	McAneny, David	91, 141
Malhotra, Ajai K.	88	Martin-del-Campo, Luis A.	159	McAninch, Jack W.	98
Malik, Rajesh	152	Martinez, Jose M.	46, 47		
Malilay, Ray B.	163				

- McArdle, Adrian 125, 138
 McBee, John M. 40
 McBride, Abram 121, 132, 151
 McBride, Nils-Tomas 90
 McCarthy, Patrick M. 160
 McClung, Christopher 121
 McConico, Andrea L. 107
 McCracken, Bonnie. 109
 McCulloch, Peter. 171, 173, 174
 McCullough, Chelsea 175
 McCully, Sean P. 133
 McCusker, Ashley K. 90
 McFadden, David W. 123, 140
 McFalls, Edward O. 136
 McGee, Justin L. 109
 McGee, Michael F. 46, 47, 88
 McGill, Sean Y. 175
 McGinn, Joseph T. 162
 McGinnis, LaMar S., Jr. 85, 86
 McGrath, Mary H. 79
 McGrath, Michael F. 160
 McGrath, Patrick C. 171
 McGree, Michaela E. 113, 168
 McKee, Rohini 173
 McKellar, Daniel P. 44, 79
 McKendy, Katherine M. 154
 McKibben, Maxim J. 121, 132
 McKinley, Todd O. 113
 McLean, Sean E. 118, 119, 131, 137
 McLemore, Elisabeth C. 101, 144
 McMillan, Matthew T. 106
 McQuay, Nathaniel 99
 McQueen, Kelly 52, 109
 Meara, John G. 118
 Meara, Michael P. 149
 Mecca, Joanna. 179
 Medbery, Rachel L. 166
 Medicherla, Ratna. 113
 Medina, Manuel A. 125
 Medina-Arana, Vicente. 161
 Medina-Perez, Ana Beatriz. 168
 Mehler, Philip S. 127
 Mehrara, Babak J. 111, 138, 170
 Mehrazin, Reza 132
 Mehta, Amit 120
 Mehta, Kunal S. 123
 Meier, Donald E. 52
 Meinero, Piercarlo 161
 Meireles, Ozanan R. 149
 Meisinger, Trevor 123
 Mejia Toro, Alejandro D. 178
 Mekhijian, Hagop 109
 Mele, Tina S. 124
 Melis, Alessandra 155
 Melis, Marcovalerio 115
 Mell, Matthew W. 60
 Mellinger, John D. 46, 47, 120, 172
 Mello, Ryan 170
 Melnic, Christopher M. 130
 Melton-Meaux, Genevieve B. 74
 Melvin, W. Scott. 103, 113, 145
 Mendez, Jane E. 77
 Mendez-Latalladi, William 106
 Mendoza, Fernando S. 139
 Meng, Maxwell V. 142
 Meng, Xianzhong. 123
 Mennigen, Rudolf 164
 Mensah, Marlene. 111
 Mentzer, Steven J. 123, 136, 140
 Meppelink, Amanda M. 169
 Mercer, David W. 119
 Merchant, Amina. 109
 Merchant, Nipun B. 107
 Merchant, Shaila 175
 Meredith, J. Wayne 35, 86
 Meredith, Kenneth L. 112, 115
 Meric-Bernstam, Funda 83
 Merlino, James I. 97
 Merrell, Ronald C. 36, 49
 Merrill, Walter H. 38
 Merriman, Lisa S. 166
 Merwin, Sara 129
 Mesko, Nathaniel W. 91, 92
 Messer, Thomas 178
 Messina, Jane 175
 Metrakos, Peter 113, 166
 Meyer, David 129
 Meyers, Bryan F. 43, 173
 Mezhir, James J. 130
 Mi, Ruifa 138
 Mian, Qaasim N. 124
 Miccoli, Paolo 146, 152
 Michailidou, Maria 131
 Michalsky, Marc Peter 84
 Michelassi, Fabrizio 2, 65, 76
 Michler, Robert E. 160
 Mick, Stephanie. 136
 Midura, Emily F. 139
 Mieno, Hiroaki 121, 175
 Migaly, John. 130
 Miguel, Pablo J. 135
 Mikami, Dean J. 81
 Miki, Akira 167
 Miki, Kenji 127
 Milas, Kresimira M. 51, 72
 Milas, Mira 106
 Milford, Creagh 126
 Milford, Edgar L. 128
 Miller, Daniel L. 37, 38
 Miller, George 165
 Miller, Hamrick C. 155
 Miller, Richard S. 76
 Mills, Christopher B. 179
 Mills, Steven D. 141, 162, 171
 Milner, Richard 134
 Milner, Stephen 125
 Milsom, Jeffrey W. 108, 150
 Milstien, Sheldon 161
 Min, Hyeyoun 119
 Minagawa, Masahiro. 175
 Miñan, Fernando 178
 Miner, Thomas J. 73
 Minkowtiz, Harold S. 169
 Minneci, Peter C. 112, 131
 Minnich, Heather E. 177
 Mino, Jeffrey 162
 Mino-Kenudson, Mari. 112
 Minter, Rebecca M. 36, 92
 Miraflor, Emily J. 146
 Miranda, Jocielle S. 154
 Miranda, Olivia B. 163
 Mirza, Moben. 122
 Misawa, Takeyuki 117
 Mischinger, Hans Jörg 137
 Mise, Yoshihiro 127
 Misfeldt, Andrew. 119
 Misner, Gavin I. 178
 Misra, Subhasis 175
 Misselt, Andrew 152
 Mitchell, Erica L. 108
 Mitchell, Jamie C. 51
 Mitchell, John B. 123
 Mitchell, Kenneth 144
 Mitchell, R. Scott. 123
 Mitchell, Susan L. 137
 Mitchell, Thomas 118
 Mitra, Sanchayita 134
 Mittal, Sumeet K. 147
 Mittendorf, Elizabeth A. 107, 170, 175
 Mitzman, Brian A. 143, 147
 Miyasaka, Kiyoyuki W. 174
 Miyashita, Tomoharu 177
 Miyazaki, Kyosuke 173
 Moalem, Jacob 105, 146, 152
 Mock, Stephen. 121, 179
 Mody, Rajen. 169
 Moeller, Julie A. 168
 Moffat, Bradley S. 119, 141
 Moffatt-Bruce, Susan D. 109
 Mogensztern, Daniel. 173
 Moghadamyeghaneh, Zhubin 160, 162
 Mogilner, Jorge G. 169
 Mohamed, Amani O. 107
 Mohamed, Eldin 168
 Mohamed, Hossam 152
 Mohamed, Mustafa. 134
 Mohamed, Salah E. 151, 152, 162, 163
 Mohan, Deepika 142
 Mohan, Raja. 170
 Mohanakumar, Thalachallour 109
 Mohanty, Sanjay 139
 Mohebbi, Jahan 122, 123, 140
 Mohny, Stephen 129
 Mohri, Tomomi 162
 Mohri, Yasuhiko 162
 Mojan, Raja 170
 Mokri, Bahareh 113
 Mokwunye, Nneka O. 135
 Molena, Daniela. 103, 160
 Moley, Jeffrey F. 100
 Molina Lopez, Juan F. 171
 Molinari, Michele 106
 Molkara, Afshin M. 119
 Molla, Nouran 113, 166
 Momoh, Adeyiza O. 170
 Moncure, Michael 124
 Monfre, Joseph M. 123
 Monk, Terri 126

Monson, John R. T.	110, 116, 139, 172	Mou, Yiping	153, 156	Nagavalli, Anil	173
Monson, John W.	87	Moudgill, Lisa Jane	78	Nagendran, Myura	174
Monteagudo, Julie.	131	Moughan, Jennifer	130	Naglak, Mary C.	105
Monteiro Filho, Jose Julio R.	153	Moulthrop, Thomas H.	152	Nagorney, David M.	133
Monteiro, Rosebel.	162	Moulton, Carol-anne	70, 79, 84, 174	Nagy, Katelyn.	163
Montenegro, Grace A.	145, 158	Mountford, William K.	106	Nagy, Kimberly K.	178
Montero-Baker, Miguel.	140	Moyer, Melissa M.	109	Nagy, Lisa R.	117
Montoro, Daniel T.	125	Mozer, Anthony B.	159	Nahabet, Edward H.	145
Moon, Daniel L.	145	Mrazek, Amy A.	127, 133	Nahrwold, David L.	86
Moon, Jana D.	138, 171	Mu, Lisa	112	Naides, Alexandra.	152
Moon, Rena C.	148, 157, 159	Muccio, Donald	131	Naik, Aanand D.	139
Moore, Ernest E.	127, 134	Mucksavage, Phillip	151	Naitou, Masanori.	175
Moore, Francis D., Jr.	124, 125	Mueller, Carmen L.	120	Najafi, Kaveh N.	178
Moore, Frederick A.	66	Mueller, Cathy M.	133	Nakada, Stephen Y.	121, 122, 151
Moore, Hunter.	90	Mueller, Thomas F.	124	Nakagawara, Histoshi.	177
Moore, Hunter B.	134	Muensterer, Oliver J.	48	Nakeeb, Attila	57, 113
Moore, Laura J.	57	Muguruma, Kazuya.	176	Nalugo, Margaret.	155
Moore, Sarah	90	Muhirwa, Viatory	118	Nam, Arthur.	170
Moore, Wesley S.	122	Muhs, Bart	179	Namias, Nicholas	87, 133
Moore-Olufemi, Stacey D.	112	Mukhopadhyay, Dhriti	124	Namm, Jukes P.	86
Moorman, Matthew L.	142	Mukhopadhyay, Shankha.	122	Nanashima, Atsushi	166
Moo-Young, Tricia A.	120	Mulchandani, Nikhil	124	Nandivada, Prathima	106
Mora, Amanda L.	163	Muldoon, Joseph.	163	Napolitano, Lena M.	62, 63, 100, 102
Moradi, Patriss W.	119	Mullen, John Thomas	76	Nara, Satoshi	167
Morales, A.	132	Mulligan, Edward	137	Narag, Kevin	179
Moran, Ruben E.	177	Mulligan, Michael S.	142	Narayan, Mayur.	142
Morancy, Jean Dominique	170	Mulwafu, Wakisa	117	Nash, Deanne.	159
Mora-Pinzon, Maria	162	Muneer, Mohammad.	154	Nason, Katie S.	136
Moreira, Carla C.	110	Mungo, Benedetto.	160	Nasr, Christian.	106
Moreira, Roger	153	Muniappan, Ashok	79	Nassar, Ricardo	143
Morello, Aureo	116	Munoz, Javier	144	Nassif, George J.	144
Moren, Alexis M.	116	Munshi, Imtiaz A.	111	Nathanson, Katherine	120
Moreno Gonzalez, Enrique	149, 153	Murakami, Masahiko	167	Nathens, Avery B.	59
Morgan, Charity J.	177	Murakami, Yoshihiro	173	Natori, Takeshi	166
Morgan, Katherine A.	106	Muratoglu, Orhun K.	169	Nazzal, Munier M. S.	119
Mori, Hiroki	176	Murdock, Alan D.	178	Ndubisi, Nnaemeka M.	139
Mori, Lorenzo	161	Murialdo, Roberto	108	Nealon, Willam H.	80, 126
Mori, Netow D.	154	Murphy, Mary M.	106, 170	Nefa, Jorge	150
Morimura, Ryo	176	Murphy, Maxwell.	107	Nehring, Sharon A.	139
Morine, Yuji	176	Murray, Melissa	81	Neligan, Peter C.	69
Morise, Zenichi	156	Murthy, Raghav A.	144	Nellans, Kate	129
Morisy, Lee R.	42, 55	Murthy, Sudish C.	136, 146	Nelson, Heidi	79, 101
Morita, Terumasa	160	Mussan, Gil	75	Nelson, Jonas.	171
Moriya, Hiromitsu.	121, 175	Mutch, David G.	168	Nelson, M. Timothy	88, 91, 173
Moriya, Yoshihiro	108	Mutch, Matthew G.	49, 134	Nelson, Mary F.	133, 134
Morowitz, Michael J.	68	Mvukiyehe, Jean Paul.	118	Nemeth, Zoltan H.	124, 130, 158
Morris, Arden M.	108, 141	Mychaliska, George B.	119	Nester, Kimberly B.	165
Morris, Jon B.	84	Myers, Jeremy	121	Neubauer, Daniel.	162
Morris, Lee M.	149	Myers, Jonathan A.	173	Neuman, Heather B.	120
Morris, Melanie S.	130	Myers, Sara	175	Neumann, Philipp-Alexander.	114
Morris, Michael W., Jr.	169	Mythen, Monty	106	Neumayer, Leigh A.	36, 58, 59, 93, 99, 107
Morrow, Monica	66			Neumeister, Michael W.	69
Mortellaro, Vincent E.	177			Neville, Angela L.	133
Mortensen, Kim.	172			Neville, Holly L.	169
Morton, John M.	42, 58, 59, 105, 116			Newcomb, Anna S.	168
Moscicki, Anna Barbara.	75			Newell, Breyer, Benjamin.	98
Mosenthal, Anne C.	73, 137			Newell, Pippa H.	106
Moser, Philipp T.	109			Newell-Price, John	109
Moskowitz, Alan	109			Newman, Elliot	115
Moss, R. Lawrence	40, 112			Newman, Erika A.	169
Mottey, Neli E.	163			Newman, Lisa A.	52
				Newman, Richard M.	109

Newton, Christopher R. 131
 Neychev, Vladimir K. 105
 Nezhat, Camran R. 147, 148
 Nezhat, Farr R. 148
 Ng, Joanna H. 169
 Ng, Nicole. 175
 Ng, Thomas T. 124
 Ngo, Andrew T. 107
 Ngo, Justine. 141
 Nguyen, Alexander T. 168, 179
 Nguyen, Andrew H. 120, 127, 133
 Nguyen, Danh V. 112
 Nguyen, David. 140, 157
 Nguyen, Louis L. 110, 122, 126, 128, 140
 Nguyen, Lyly M. 90, 158
 Nguyen, Marie V. 118
 Nguyen, N. Thao T. 144
 Nguyen, Ninh T. 78, 105
 Nguyen, Patrick. 157
 Nguyen, Scott Q. 115, 155
 Nguyen, Trang. 147
 Nguyen, Vinh Q. 173
 Nguyen, Virginia. 120
 Ni, Shenghua. 121
 Nibelle, Isabelle. 169
 Nicastro, Jeffrey M. 124
 Nice, Tate R. 112, 177
 Nichol, Peter F. 114
 Nichols, Colin C. 136
 Nichols, Jane. 138
 Nickerson, Terry. 164
 Nickleach, Dana. 159, 160
 Nicoletti, Betsy. 55
 Nielsen, Matthew. 121, 132
 Nigri, Giuseppe R. 108
 Nijhawan, Sheetal. 147
 Nilubol, Naris. 105, 120, 163
 Nipun, Merchant B. 149
 Nishikawa, Katsunori. 113
 Nishimori, Hideaki. 159, 168
 Nishio, Hikaru. 114
 Nissan, Aviram. 111
 Nitta, Hiroyuki. 159
 Njogu, Monicah. 117
 Nobel, Tamar. 161
 Noboa, Jonathan. 117
 Noda, Tomohiro. 166
 Nodora, Jesse. 109
 Nogaki, Koji. 167
 Noguera, Juan J. 97
 Nojima, Hiroyuki. 132
 Nordholm-Carstensen, Andreas. 161
 Nosrati, Naveed. 111
 Noureldine, Salem I. 152
 Nourparvar, Paymon. 179
 Novitsky, Yuri W. 145, 146, 155, 156
 Nowmeh, Benedict A. 50, 111
 Noyes, Katia. 110, 116, 139, 172
 Nozik-Grayck, Eva. 118
 Ntakiyiruta, Georges. 118, 139
 Nuchtern, Jed G. 88, 89, 112

Numann, Patricia J. 109
 Nurkin, Steven. 174
 Nurudeen, Suliat M. 172
 Nusrat, Asma. 114
 Nussbaum, Daniel P. 164
 Nussbaum, Michael S. 135, 145, 146
 Nutt, Michael R. 106
 Nwaogu, Iheoma. 137
 Nwariaku, Fiemu E. 141
 Nwomeh, Benedict C. 117, 118, 131, 175
 Nykanen, David. 124

O

O'Brien, Davis M. 130
 O'Brien, Katelin. 169
 O'Dell Moore, Forrest. 54, 63, 77
 O'Donnell, Mary Teresa. 165
 O'Dorisio, Thomas M. 120
 O'Halloran, Eileen B. 167
 O'Hare, Bridget. 171
 O'Heron, Colette. 173
 O'Keefe, Grant E. 66
 O'Keefe, Hannah M. 163
 O'Keefe, Terence. 47, 63, 78, 126, 129, 131, 135, 137, 178
 O'Leary, J. Patrick. 80
 O'Reilly, Eileen M. 176
 Oakley, Ryan P. 124
 Obeid, Ayman. 159
 Obuchi, Toru. 159
 Odanga, Justin. 117
 Odell, David. 123
 Odisho, Anobel Y. 142
 Oelschlager, Brant K. 65, 150
 Ogan, Kenneth. 108, 120, 179
 Ogilvie, James W. 108
 Ogu, Uchechukwu S. 90
 Ogundele, Joshua O. 168
 Oh, Daniel S. 136, 144
 Ohashi, Shinsuke. 169
 Ohashi, Toya. 117
 Ohira, Masaichi. 176
 Ohta, Tetsuo. 177
 Ohta, Tomoyuki. 161
 Ohue, Masayuki. 108
 Ojomo, Kristin A. 120
 Okabe, Hiroshi. 144
 Okada, Kazuyuki. 167
 Okajima, Wataru. 158, 164
 Okamoto, Kazuma. 158, 164, 176
 Okano, Keiichi. 167
 Okazaki, Samuel. 153, 156
 Okereke, Ikenna C. 123
 Okhuma, Rika. 160
 Oklu, Rahmi. 110
 Okochi, Shunpei. 133
 Okoroh, Juliet S. 109
 Okoye, Obi. 177
 Okui, Norimitsu. 166
 Oldenburg, Nicklas. 161
 Oldham, Keith T. 40
 Oleynikov, Dmitry. 149

Oliva, Catalina. 147, 156
 Olivares, Sergio. 147, 156
 Oliveira, Amanda R. 117
 Oliveira, Flavio M. M. 153
 Oliver, Emily A. 109
 Oliver, Joseph B. 165, 171
 Olmedilla, Luis. 144
 Olsen, Griffin H. 111
 Olsen, Randal. 141
 Olson, Erik J. 90
 Oltmann, Sarah C. 127
 Olusanya, Abimbola. 106
 Oluwadiya, Kehinda S. 168
 Omura, Nobuo. 113
 Oommen, Bindhu. 110
 Opelka, Frank G. 102
 Orbay, Carolina. 177
 Ordonez, Alex G. 148
 Ordoñez, Carlos. 178
 Orea, Carolina. 168
 Orenstein, Sean B. 47, 164
 Orgill, Dennis P. 89, 125, 170
 Orihashi, Kazumasa. 168
 Orlando, Giuseppe. 128
 Orlando, Megan. 160, 179
 Orloff, Lisa A. 51, 73, 151
 Orloff, Susan L. 117
 Orokawa, Tomofumi. 153
 Orsenigo, Elena. 150, 153, 154
 Ortega Checa, David Alfredo. 75
 Ortiz, Jorge. 174
 Osborn, David J. 121, 179
 Osborne, Nicholas H. 122
 Oshima, Minoru. 167
 Oshima, Nobu. 168
 Oshiro, Naoto. 153
 Osoria, Hector L. 122, 128
 Ostlie, Daniel J. 155
 Ostrozhynskyy, Yuriy. 179
 Ota, Mitsuyoshi. 161
 Otero de Pablos, Jaime. 153
 Otey, Carol. 127
 Otley, Clark C. 176
 Otsuji, Eigo. 158, 164, 176
 Otsuka, Koji. 167
 Otsuka, Koki. 108
 Otsuka, Masahiko. 169
 Ott, Harald C. 109
 Ott, Mark J. 111
 Ottinger, Mary. 134
 Ottosen, Madelene. 142
 Ou, Peiqi. 133
 Ousley, Jenny. 126
 Owen, Meredith K. 127
 Oyasiji, Tolutope O. 174
 Oyetunji, Shakirat O. 159, 160
 Oyewole, Olugboyaga A. 168
 Ozdemir, Yavuz. 161, 176
 Ozgediz, Doruk E. 117
 Ozuner, Gokhan. 160

P

Pacheco, Marwil. 153, 157
 Pachter, H. Leon. 115

Padala, Muralidhar	112	Parsikia, Afshin	174	Penson, David F.	121
Padberg, Frank T.	83	Partrick, David A.	118	Peoples, George E.	107, 175
Padit, Urvashi	165	Partridge, Emily A.	119	Peralta, Ruben	169, 178
Paganini, Alessandro M.	145	Paruch, Jennifer L.	126, 139	Peranteau, William H.	117, 119
Pagkratis, Spyridon	150	Pasara, Sebastian	112	Perera, Rafael	107
Paglinco, Samantha R.	130, 158	Paschold, Markus	173	Perez Aguirre, Elia.	105, 157
Pai, Ajit	145, 154	Pascual Marrero, Annette M.	106	Perez, Eduardo A.	134, 169
Paige, John T.	135	Pass, Helen A.	101	Perez, Kimberly	161
Paik, Kenneth E.	118	Pastor, Daniel.	144	Perez, Sebastian	166
Paik, Kevin	138	Pate, Amy	109, 172	Perez, Sonia	107, 175
Pakdaman, Michael N.	162	Patel, Aalok	173	Pérez-Ferreiroa, J.	132
Pal, Atanu.	115	Patel, Ami.	138	Perger, Lena	124
Palacio, Claudia.	168	Patel, Amish.	152	Perin, Laura	110
Palacios, Jorge H.	117	Patel, Amit N.	160	Perkal, Melissa F.	73
Palanisamy, Arun P.	177	Patel, Bankim.	147	Perretta, Silvana	72
Palazzo, Francesco	156	Patel, Dhaval	120	Perrier, Nancy D.	94
Paleari, Nicolas	150, 166	Patel, Jasmine	165	Perrins, Steven	174
Palesty, J. Alexander.	123, 140	Patel, Ketan M.	158	Perry, Kyle A.	115, 149
Palis, Bryan	139	Patel, Kinnari.	132	Perry, Roger R.	117
Pallarés, Jose Luis.	171	Patel, Kunal J.	157	Peters, Matthew	111
Pallati, Pradeep K.	156	Patel, Kush.	151	Peterson, Richard M.	157
Palmer, Barnard J.	146	Patel, Kushal R.	175	Petro, Clayton C.	145, 155, 156
Palmer, Pamela P.	169	Patel, Maleene.	130	Petrosyan, Astgik	110
Palomo, Rene A.	172	Patel, Mayur B.	139	Petrovsky, Jacob	148
Paluch, Thomas A.	85	Patel, Neal	122	Petroze, Robin T.	118, 139
Pan, Amy	106	Patel, Sameer A.	138	Peyre, Christian G.	146
Pan, Weihua	116	Patel, Virendra I.	122, 139, 140, 146, 149	Pfeifer, Roman	178
Panaït, Lucian	143	Pathak, Abhijit S.	159	Pfeifer, Justin	179
Pandit, Harshul	176	Patil, Dattatraya	179	Pfeiffer, Johann	137
Pandit, Viraj.	126, 129, 135, 137, 172	Patronas, Nicholas	105	Pflug, Adriano	154
Pantino, David.	90	Patsouris, Efstratios S.	123	Pham, Jacqueline K.	178
Papaconstantinou, Harry T.	91	Patterson, Andrew D.	124	Phangureh, Varinder S.	152
Papamichail, Michael	107, 175	Patterson, Emma J.	78	Phelan, Michael J.	105, 171
Pape, Hans-Christoph.	178	Patti, Marco G.	72	Philip, Allan	172
Papillon, Stephanie C.	115, 119, 131	Patton, Kristin D.	143, 146, 147	Philip, Jennifer L.	136
Papini, Piermarco	152	Pattyn, Piet	107	Phillips, Brett E.	124
Papouian, Vardan	106	Paul, Jasmeet S.	57, 58	Phillips, Linda G.	111
Pappas, Sam G.	57, 167	Paul, Subroto	136	Phillips, Melissa S.	47
Paprocki, Ronald J.	37	Pauli, Eric M.	47, 145, 155, 164	Phillips, Michael R.	118, 131, 137
Paquette, Ian M.	116, 139	Paulino, Alberto P., Jr.	163	Philp, Allan S.	93
Paramesh, Anil S.	151, 164	Pavoor, Raghava	150	Philp, Frances H.	135
Paramo, Juan C.	80	Pawlik, Timothy M.	67, 91, 107, 127, 167	Phitayakorn, Roy.	106
Parangi, Sareh	72, 73	Payet, Cécile	172	Piazza, Diego	146
Paratore, Filippo	154	Peacock, Zachary S.	129	Pieper, Andrew	170
Parchani, A.	169, 178	Pearl, Jonathan P.	47	Pieracci, Fredric C.	134
Parihaar, Anit.	167	Pederson, Claire	124	Pierce Schatz, Tiffany Ann	91
Parikh, Alexander A.	73	Pedesen, Rose	162	Pietzak, Eugene J.	132
Parikh, Janak A.	149	Pedraza, Rodrigo	162	Pigazzi, Alessio	53, 54, 76, 101, 142, 145, 160, 162, 171, 173
Parikh, Manish S.	98	Peitzman, Elizabeth	141	Pilkington, James E.	151
Park, Habeeba	148	Pelezo, Elizabeth A.	115	Pillai, Lakshmikumar	152
Park, James O.	127, 146	Peligros, I.	132	Pinen Diez, Julia	144
Park, John J.	145, 154	Pellegrini, Carlos A.	35, 75, 104, 150	Pinnamaneni, Jayatej	134
Park, Ko Un	112	Pelosini, Marco	146	Pino, Luis L.	178
Park, Koji M.	150	Pelossof, Raphael	130	Pinto Angulo, Victor M.	174
Park, Pauline K.	63, 72, 74	Pena, Alejandra	157	Pinto, Alda	154
Parker, Michael	147	Penalver, Rafael.	144	Pinto, Frederique	172
Parker, William P.	122	Pender, John R. IV.	159, 163, 164	Pio Roda, Claro	126
Parkos, Charles A.	114	Penn, Marc	160	Pio, Finnah L.	112
Parma, Carolyn M.	108	Pennacchioli, Elisabetta.	176	Pirozzi, Felice	108
Parmar, Abhishek	113	Pennathur, Arjun.	123	Pisano, Jennifer	171
Parra, Michael W.	178	Penniston, Kristina L.	121, 122	Pisters, Peter W. T.	77
Parry, Robert L.	155			Pitt, Henry A.	59, 113
				Pittman, Matthew	145

- Plasencia, Gustavo 75
 Plaza de lo Reyes, Miguel. 155
 Plaza, Juan Carlos 156
 Plichta, Jennifer K. 167
 Plotnikov, Sergio 153, 157
 Plurad, David S. 120, 133
 Plymale, Margaret A. 144
 Pockaj, Barbara A. 176
 Podany, Abigail B. 118, 124
 Podbielski, Jeanette M. 133
 Podgaetz, Eitan 143, 144
 Podolsky, Erica R. 143
 Pofahl, Walter E. II. 163, 164
 Poggio, Juan L. 107
 Pohlman, Timothy H. 113
 Polcz, Monica 177
 Politano, Amani D. 139
 Polites, Stephanie 139
 Polk, Hiram C. 125
 Pollak, Yulia 169
 Pollock, Raphael E. 76
 Pomahec, Bodhan. 89
 Pommerening, Matthew J. 133
 Pomp, Alfons 150
 Ponniah, Sathibalan 107, 175
 Ponsky, Jeffrey L. 47, 68, 149
 Ponsky, Todd A. 49, 155
 Poole, Patricia S. 131
 Poor, Alexander E. 143
 Pope, Nicolas H. 123
 Popoola, Sunday O. 168
 Pories, Susan E. 77, 78
 Pories, Walter J. 104, 139, 159
 Porrero, Belen 156
 Porro, Laura J. 127, 133
 Port, Elisa R. 57
 Port, Jeffrey 136
 Porter, Geoffrey 106
 Porter, Robert 107
 Porterfield, John R. 119, 127
 Portinari, Mattia 110
 Posielski, Natasza M. 145, 156
 Poster, Michael 172
 Potter, Beth 162
 Potter, Donald D. 135
 Potts, John R. 56, 84
 Poudel, Saseem 173
 Poulakidas, Stathis 178
 Poulouse, Benjamin K. 47, 55, 71, 126
 Power, Karlene 171
 Powers, Benjamin D. 177
 Powers, David B. 101
 Powers, Edward J. 123
 Prabhu, Ajita S. 71, 149
 Prado Rezende, Alexandre. 154
 Prasad, Leela M. 145
 Prasad, Krishna. 133
 Pratap Singh, Sumit 113
 Prathanvanich, Pornthep. 157
 Prather, Jamie 138
 Prays, Carlos 177
 Preis, Franz B. 154
 Prendes, Brandon L. 151
 Prestigiacomo, Charles J. 87
 Preston, Christy 171
 Prete, Fernando. 154
 Prete, Francesco P. 154
 Price, Elissa 81
 Price, Leigh Ann 125
 Price, Raymond R. 117, 118
 Price, Thea P. 177
 Primrose, John 107
 Prince, Jose M. 124
 Prince, Sarah 89
 Prindle, Thomas 119
 Pringle, James H. 130
 Prinz, Richard A. 120
 Pritts, Timothy A. 54
 Probst, Christian P. 116, 139, 172
 Prochazka, Jeannette 111
 Proctor, Cathy 131
 Protic, Mladjan 111
 Provost, David A. 78
 Pruitt, Basil A., Jr. 86
 Pruthi, Raj 121, 132
 Pryor, Aurora D. 78, 98, 111, 150, 164
 Ptok, Henry 108
 Pucci, Michael 156
 Pucher, Philip H. 134
 Puder, Mark 102, 106
 Puente, Ivan 109, 177
 Puente, Luis R. 144
 Pugalenth, Amudhan 165
 Pugh, Carla M. 108, 141
 Pugh, Sian A. 107
 Puglia, Salvatore 146
 Pulcarno, Marisa E. 172
 Puleo, Christopher A. 175
 Puleo, David. 113
 Pullatt, Rana C. 148, 157
 Pullyblank, Anne M. 115
 Puls, Mark W. 46
 Purcell Jackson, Gretchen 131
 Puri, Ruchir 152, 162
 Puri, Varun 173
 Puskas, John D. 160, 176
 Putnam, Brant A. 133
 Putnam, Joe B. 79
 Putnam, Luke R. 135
 Puyana, Juan C. 117, 178
- Q**
- Qazi, Umair 139, 140
 Qi, Weilin 156
 Qiao, Jingbo. 119
 Quade, Samantha J. 134
 Quaderi, Ali 178
 Quail, Jacob F. 90
 Quan, May Lynn 116
 Quante, Markus 128
 Quaresima, Silvia 145
 Quartararo, Peter 129
 Quereshi, Faisal G. 155
 Quijano, Yolanda Y. 147, 156
 Quinn, Brandon A. 134
 Quinn, Megan 175
- R**
- Raaei, Mohammad H. 127
 Rabaglia, Jennifer L. 141
 Rabah, Raja 169
 Rabinowitz, Justin. 173
 Radhakrishnan, Ravi. 124
 Radtke, Andrew C. 122
 Raeburn, Christopher D. 57
 Rafael, Aldo 123
 Raff, Gary W. 65
 Rafferty, Janice F. 73, 139
 Raghvendra, Shubha 128
 Rahman, Lulu. 140
 Rahy, Aida 161
 Rai, Kunal. 127
 Raiche, Isabelle 134
 Raja, Siva 136, 146
 Rajadas, Jayakumar 116
 Rajaram, Ravi 139
 Rajput, Ashwani 137
 Rakinic, Jan 108, 172
 Ramadan, Mostafa H. 122
 Ramalingam, Suresh. 159, 160
 Ramamoorthy, Sonia L. 141
 Raman, Kathleen G. 122
 Ramasamy, Ranjith 122
 Ramaswamy, Archana 150, 156
 Ramirez, Carlo G. 109
 Ramirez, Luis R. 177
 Ramirez, Mauricio. 135
 Ramos, Margarita S. 111
 Randolph, Gregory W. 162
 Randolph, Mark A. 169
 Rangel, Hugo 161
 Ranjit, Anju 175
 Rankin, Timothy M. 108
 Rao, Mahadev 160
 Rao, Roshni 70
 Raphel, Jordan 138
 Rappleye, C. Travis. 138
 Rappold, Joseph F. 159
 Rasheed, Ashraf M. 106
 Rashidi, Laila. 161
 Rasmussen, Sara K. 174
 Rasmussen, Todd E. 93
 Rassi, Andrew N. 126
 Rasslan, Samir. 154
 Rastellini, Cristiana. 124
 Ratcliffe, Mark B. 123
 Rathouz, Paul J. 137
 Rattner, David W. 68
 Raup, Valary T. 179
 Rausei, Stefano 146
 Raut, Chandrajit P. 91
 Rawlins, Michael L. 146
 Ray, David M. 159
 Ray, James B. 58

- Ray, Shuddhadeb 135, 137
 Raymond, Daniel P. 146
 Raymundo, Maria Eliza M. 95
 Raynor, Mathew 121, 132, 151
 Razavi, Seyed Amirhossein 172
 Razek, Tarek S. A. 117, 154
 Razzaque, Abdur. 136
 Read, Thomas E. 68, 130
 Ready, Joseph 170
 Reardon, Michael J. 101, 148
 Reardon, Patrick R. 143, 149
 Reavis, Kevin M. 78, 103, 148, 155
 Rebecca, Alanna M. 144
 Recicar, John 178
 Rectenwald, John E. 59
 Redan, Jay A. 164
 Reddy, Rishindra M. 67, 136
 Reddy, Srinivas H. 173
 Reddy, Subhash. 90
 Redett, Richard J. III 117, 179
 Redick, Brittney J. 133, 134
 Redmond, Robert W. 169
 Reece, Thomas B. 123
 Reed, Robert L. 113
 Reeder, Sandra 164
 Regenbogen, Scott E. 126, 138
 Regner, Justin L. 137
 Rehman, Rameez. 109
 Reid, Thomas. 51
 Reifsnnyder, Thomas 179
 Reiley, Maia 131
 Reiling, Richard B. 86
 Reilly, James S. 46, 82
 Reilly, Patrick M. 95
 Reimer, Peter 165
 Reiner, Mark A. 150
 Reiter, Bruce P. 145
 Remick, Daniel. 124
 Remzi, Feza H. 154, 160, 162
 Renkens, Kenneth L. 107
 Rennert, Robert C. 116, 125
 Resnick, Matthew J. 121
 Resnick, Shelby 177
 Revenig, Louis 108
 Revhaug, Arthur 172
 Reyes, Bianca 39
 Reynolds, Harry L. 150, 161
 Reynolds, William Stuart 179
 Reznik, Scott I. 136
 Rhee, Peter M. 67, 77, 110, 126, 129, 131, 135, 137, 172, 178
 Rhoads, Kim F. 139, 141
 Rhodes, Zechariah 111
 Riall, Taylor S. 82, 113, 126
 Riberiro Dias Pires, Antonio Augusto 145
 Ricci, Joseph A. 171
 Ricciardi, Rocco 73, 126, 130
 Rice, Thomas W. 146
 Rich, Jeffery B. 123
 Rich, Norman M. 44, 85
 Richards, Morgan K. 112
 Richards, William O. 143, 148
 Richardson, Brian 151
 Richardson, J. David. 54, 75, 80
 Richman, Joshua S. 126, 127
 Richmon, Jeremy D. 151
 Rickard, Jennifer L. 118
 Ricketts, Daniel 142
 Ricketts, Thomas C. III 94
 Rickles, Aaron S. 116, 139
 Ricotta, John J. 152
 Ridereau, Catherien 141
 Riesel, Johanna 118
 Riggs, Stephen B. 120
 Rimini, Edoardo 108
 Ringold, Forrest G. 169
 Rinkevich, Yuval 125
 Rivadeneira, Andres F. 117
 Rivas, Homero 105, 141
 Rivers, Emanuel P. 169
 Riviello, Elisabeth D. 118
 Riviello, Robert 109, 118
 Rizk, Dahlia 179
 Rizk, Nabil 53
 Rizos, Ioannis K. 123
 Rizvi, Addi Z. 57
 Rizzo, Monica 120
 Ro, Charles Y. 47
 Robb, Geoffrey L. 170
 Roberts, Anne S. 115, 119
 Roberts, David W. 69
 Roberts, Patricia L. 81, 130
 Robey, Benjamin S. 139
 Robich, Michael P. 136
 Robinette, Danny R. 71
 Robins, James M. 109
 Robinson, Barbara L. 160
 Robinson, Clifford G. 173
 Robinson, Thomas N. 81, 94, 137
 Robinson, W. C. 175
 Rodas, Edgar 36
 Rodrigues, Edison. 153
 Rodrigues, Mealnie. 116, 125, 138
 Rodriguez, Brandon 118
 Rodriguez, Eduardo D. 170
 Rodriguez, Fernando 178
 Rodriguez, Francisco N. 171
 Rodriguez, Hector. 128
 Rodriguez, Jaime A. 177
 Rodriguez, John 150, 159
 Rodriguez, Ricardo J. 161
 Rodriguez, Rodrigo. 137
 Rodriguez-Bachiller, Luis 144
 Rodriguez-Castellano, Maria Desirée 161
 Rodriguez-Otero Luppi, Carlos 149, 171
 Rogers, Terry. 115
 Roitburt, Alex 169
 Roizblatt, Daniel 154, 155
 Rojas Garcia, Priscila P. 171
 Rokkas, Chris K. 123
 Rokosh, Sarah 165
 Rolandelli, Rolando H. 124, 130, 158
 Roller, Regina E. 137
 Romagnoni, Giovanni 110
 Romain, Carmelle 119
 Romairone, Emanuele 108
 Roman, Sanziana A. 165
 Romano, Nicola. 146
 Romeiser, Jamie Lee 164
 Romeo, Valentina 149, 151
 Rondan, Anibal J. 135
 Rosales-Velderrain, Armando 173, 174
 Rosas, Ulysses S. 105
 Rosati, Riccardo 155
 Rosato, Ernest L. 156
 Rose, Stephen L. 81
 Rosemurgy, Alexander S. II 72, 96, 147, 167
 Rosen, Jennifer E. 105
 Rosen, Lester. 64
 Rosen, Michael J. 71, 82, 148, 149, 155
 Rosenberg, Anne. 107
 Rosenberg, Laura M. 127
 Rosengart, Matthew B. 63, 133, 142
 Rosenkranz, Pamela 141
 Rosenthal, Eben L. 69, 121, 127, 140
 Rosenthal, Raul J. 78, 140, 148, 150, 151, 157, 173, 174
 Rosenthal, Ronnie A. 137, 165
 Rosenwasser, Robert 168
 Roslin, Mitchell S. 157
 Ross, Howard M. 51, 63, 64
 Ross, Merrick I. 98, 126, 171
 Ross, Patrick, Jr. 81
 Ross, Samuel W. 110, 178
 Ross, Sharona B. 147, 167
 Rosser, James C., Jr. 97
 Rossi, Ferdinand 132
 Rosso, Kelly J. 110
 Rosson, Gedge D. 117, 138
 Ross-Richardson, Cynthia 172
 Rostron, Joy A. 148
 Roth, John S. 113, 144, 164
 Roth, Leslie A. 161
 Roth, Scott J. 145
 Rothenberg, Steven S. 49, 155
 Rothenberger, David A. 43
 Rothstein, David H. 52
 Rotoloni, Christina L. 160
 Rotondo, Michael F. 72
 Rove, Jessica Y. 123
 Rowe, Vincent L. 85
 Rowell, Susan E. 103
 Roy, Mayank 147
 Roy, Soham 151
 Royall, Nelson A. 148
 Rozycki, Grace S. 80
 Ruan, Daniel T. 146, 152
 Rubiano, Andres M. 117
 Rubinfeld, Ilan S. 110, 112, 129, 137, 169
 Rubio, Miguel Angel 105, 157
 Rudnicki, Marek 173
 Ruiz, Manuel 144

Ruppert, Reinhard 108
 Rusch, Valerie W. 2, 43, 116
 Rusnak, Vadym 135
 Russ, Andrew L. 150
 Russell, John C. 173
 Russell, Marcia M. 139, 171
 Russell, Maria C. 120, 166
 Russell, Robert T. 177
 Russell, Thomas R. 36
 Russo, Mark W. 166
 Rustamzadeh, Edward 148
 Ryan, Carrie E. 167
 Ryan, Jennifer E. 154
 Ryan, Melissa. 158
 Rybin, Denis. 110
 Ryu, Seongho. 123

S

Saad Nasir, Basil 79
 Saadi, Zainab 119
 Saber, Alan A. 147, 156, 157
 Sabibran, Nicole 133
 Sabino, Jennifer 170, 177
 Sablowski, Michael 123
 Sabrido, Jose Luis G. 144
 Sachdev, Ulka 122, 123, 140
 Sachdeva, Ajit K. . . . 2, 36, 39, 60, 75, 92
 Sacks, Greg D. 139, 171
 Sacks, Justin M. 116, 138, 179
 Saclarides, Theodore 162
 Sadelain, Michel 116
 Sadieh, Omar G. 178
 Sadot, Eran. 176
 Sadowski, Samira M. 105
 Saeed, Nadia 112
 Saeman, Melody R. 129
 Saez Carlin, Patricia M. . . 105, 153, 157
 Safadjou, Saman 173
 Safdie, Fernando M. 147
 Saffarzadeh, Areo G. 143
 Safford, Shawn D. 131
 Safi, Chetan 177
 Safran, Howard 161
 Sagalowsky, Arthur I. 121
 Saha, Siby P. 106, 174
 Saha, Sukamal 162
 Sahai, Shipra 121
 Saint-Cyr, Michel 164
 Saito, Norio 108
 Sakaguchi, Hirokazu 140
 Sakai, Yoshiharu 144, 176, 168
 Sakakura, Chohei 158
 Sakamoto, Katsunori 150
 Sakamoto, Yoshihiro. 167
 Sakata, Jun. 175
 Sakran, Joseph V. 41, 70
 Sakurai, Katsunobu. 176
 Salabat, Reza 178
 Salam, Atef. 140
 Salas De Armas, Ismael A. . . . 144
 Salastekar, Ninad V. 179
 Salazar, Michelle C. 143

Salcedo, Edgardo S. 174
 Saldinger, Pierre F. 91
 Salim, Ali 95, 134
 Salky, Barry A. . . . 76, 146, 147, 154
 Salles, Arghavan 178
 Salo, Jonathan C. 120
 Salo, Wilmar. 167
 Salomone, Jeffrey P. 40
 Salter, Michael W. 170
 Salvi, Pier Federico. 108
 Sam, Albert D. 151
 Samame, Julia 108
 Sampaio Rua, Stelio 154
 Sampalis, John S. 164
 Samson, Pamela P. 173
 Samuel, Sharon L. 121
 San Mateo, Carlos Manuel A. . 160
 Sancheti, Manu S. 159
 Sanchez del Pueblo, Cristina C. 153
 Sanchez Lopez, Esther . . . 105, 157
 Sanchez Pernaute, Andres. . . 105
 Sanchez, Jaime E. 46
 Sanchez, Juan A. . . . 48, 79, 80, 123, 140
 Sanchez, Pernaute, Andres . . . 157
 Sanchez-Ortiz, Alvaro I. 178
 Sanderson, Cody. 139
 Sandler, Bryan J. . . . 105, 146, 147, 149, 157
 Sando, Ian C. 138
 Sanfey, Hilary A. 44, 108, 172
 Sangji, Naveen F. 102
 Santamaria-Barria, Juan A. . . 116, 127, 132
 Santin, Brian J. 74
 Santora, Thomas A. 159
 Santos, Byron F. 105
 Santry, Heena P. 103, 137
 Sapniolas, Konstantinos. 164
 Sarangi, Shikha 113
 Sarap, Michael D. 46
 Sarhane, Karim A. 138
 Sarin, Eric L. 112
 Sarkar, Beda. 141
 Sarkaria, Inderpal S. 53
 Sarma, Hiteswar 111
 Sarmiento, Ana Bela 166
 Sarmiento, Juan M. 108
 Sarnaik, Amod 175
 Sarojini, Harshini 125
 Sarosi, George A. 92
 Sarr, Michael G. . . . 36, 39, 67, 114
 Sasaki, Akira 159
 Sasaki, Kazunari 107
 Sato, Takayuki 159
 Sato, Toshihiko 108
 Satoh, Seiji 165
 Satou, Shouichi 127
 Satterthwaite, Lisa M. 135
 Sauaia, Angela 134
 Sauerland, Stefan 163
 Saunders, R. Scott. 141
 Sava, Jack. 77, 134

Savarise, Mark T. 41, 56, 89
 Savetsky, Ira L. 111, 138, 170
 Savides, Thomas 147
 Savin, Eric L. 101
 Sawangkum, Peeraya 167
 Sawyer, Robert G. 139
 Sax, Harry C. 48, 80, 138
 Sbitany, Hani 52, 84
 Sbrana, Fabio. 147
 Scabini, Stefano. 108
 Scali, Salvatore T. 59
 Scally, Christopher 116
 Scaravilli, Francesco. 146
 Scarborough, John E. 164
 Schaefer, Sarah 120
 Schaheen, Lara 136
 Schall, Kathy A. 128
 Schaub, Nicholas N. 167
 Schauer, Phillip 159
 Schechter, Steven 161
 Schecter, William P. 76
 Schenarts, Paul J. 54, 119
 Scher, Larry A. 85
 Schermerhorn, Marc L. 83
 Schichinohe, Toshiaki 173
 Schick, Sylvia. 178
 Schild, A. Frederick. 80
 Schillaci, Riccardo 146
 Schirmer, Bruce D. 139, 146
 Schlachta, Christopher M. . . 97, 119
 Schlegel, Peter N. 122
 Schlitz, Nicholas K. 136
 Schluterman, Marie 121
 Schmidt, C. Max 82
 Schmidt, Carl R. 67
 Schmocker, Ryan. 105
 Schneble, Erika 107, 175
 Schneider, David F. . . 106, 120, 127, 172
 Schneider, Eric B. . . . 113, 115, 139, 140
 Schneider, Joel P. 163
 Schoen, Michael R. 165
 Schoetz, David J., Jr. 130
 Scholer, Anthony J. 175
 Scholz, Stefan 48, 103
 Schon, Michael R. 156
 Schoonyoung, Henry P. 144
 Schreiber, Martin A. . . 116, 133, 178
 Schrupp, David S. 159, 160
 Schuerer, Douglas J. E. . . . 85, 99
 Schuessler, Richard 136
 Schulick, Richard D. 167
 Schultz, Benjamin D. 170
 Schultz, Jessica 131
 Schuster, Rebecca M. 132
 Schwab, C. William 44
 Schwab, Joseph H. 129
 Schwack, Bradley F. 84
 Schwaizberg, Steven D. . . 47, 148
 Schwartz, Theodore H. 129
 Schwarze, Gretchen M. . . . 38, 86, 115, 135, 137
 Schwarze, Jan 166

Schwarze, Margaret L.	137	Shalabi, Haadi T.	118, 177	Shukla, Vivek	160
Sciarretta, Jason D.	134	Shalabi, Saggah T.	177	Shumway, Cynthia	120
Sciubba, Daniel M.	129	Shalgian, Christian	84	Siboni, Stefano.	153, 154, 177
Scoggins, Charles R.	91	Shames, Murray L.	152	Siddiqui, Aamir	110
Scoglio, Daniele.	145	Shanmugan, Skandan	50, 51	Siddiqui, Sophia	109
Scott, Aaron.	115, 139	Shara, Nawar	172	Sidhayee, Ramana.	125
Scott, Eric C.	60	Sharkey, Don	177	Sidhu, Komal	112
Scott, Kamela K.	135	Sharma, Jyotirmay	94	Siegel, Erin	130
Scovell, Jason M.	122	Sharma, Poonam.	175	Siemionow, Maria	90
Scricciolo, Marta.	147	Sharma, Sanjay	110	Sifri, Ziad C.	96, 118, 124, 175
Sebastian, Raul	125	Sharma, Sunil K.	157	Sikov, William M.	161
Sedrak, Michael	147	Sharp, Kenneth W.	2, 80, 96, 100, 126,	Silberfein, Eric J.	111
Sedraky, Art.	108	Sharp, Nicole E.	155	Silliman, Christopher C.	134
Seedial, Stephen	110	Shawber, Carrie J.	131	Silva, Emanuela	148
Seedorf, Gregory.	118	Shear, Debbie.	113	Silverman, Ronald P.	177
Segev, Dorry L.	102	Sheeder, Jeanelle.	129	Silviera, Matthew L.	134
Segovia, Luis A.	111, 112, 170	Sheff, Sean R.	150	Simianu, Vlad V.	130
Seicher, Paul J.	164	Shen, Bo	76	Simko, Jeff	130
Seidel, Hudson H.	133	Shen, Jean	107	Simões Correa, José Humberto.	145
Seiden, Lara	133	Shen, K. Robert	81, 123	Simon, Ronald J.	173, 178
Seifert, Adrian M.	116, 127, 132	Shen, Perry	66	Simonds, William F.	105
Selleri, Simonetta	155	Shen, Wen T.	139, 152	Simoneau, Eve.	113, 166
Selph, John P.	151	Shenoy, Sharad N.	88	Simonelli, Luigi	149, 151
Selvaraju, Vaithinathan	123, 140	Shepard, Alexander D.	153	Simons, Richard K.	172
Selzer, Don J.	146, 156	Sheppard, Brett C.	166	Simpfendorfer, Conrad H.	147, 174
Senagore, Anthony J.	51, 61, 64	Sher, Linda	158	Simpson, Amber L.	165
Senarath-Yapa, Kshemendra	125	Sherman, Scott K.	120	Simpson, Khara	174
Senkowski, Christopher K.	56, 90	Sheth, Ketan R.	146	Sims, Carrie A.	41, 102, 109
Senninger, Norbert	114, 164, 166	Shetty, Shreya	175	Sinclair, Dana A.	119
Sentovich, Stephen M.	63	Shi, Xudong	110	Sing, Ronald F.	110, 178
Seo, Elly	125	Shiba, Hiroaki	117, 166	Singer, Eric A.	65, 86, 135
Sequeira, Denisse J.	117	Shibata, David	130	Singer, Marc A.	49
Serletti, Joseph C.	171	Shields, Margaret	145, 158	Singh Sahota, Gursagar	167
Serôdeo, Marco	167	Shigemura, Norihisa	110	Singh, Baljit	130
Serpico, Victoria	107	Shih, Terry.	116	Singh, Devendra	167
Serrano, Oscar K.	175	Shilyansky, Joel	119	Singh, Devinder P.	71, 170, 175, 177
Serur, Eli.	147	Shimada, Junichi	166	Singh, Kul Ranajan	175
Seshadri, Ramanathan	146, 166	Shimada, Kazuaki	167	Singh, Pritam	134
Sethi, Monica.	178	Shimada, Mitsuo	176	Singh, Rahul.	140
Setty, Manu	130	Shimada, Yutaka	151	Singh, Rekha	173
Seymour, Rachel	178	Shimoike, Norihiro	161	Singh, Sudhir	175
Sha, Supriya K.	162	Shindo, Maisie L.	73	Singh, Suyash	175
Shababang, Mohsen	107, 120	Shindoh, Junichi	127	Singh, Trevor	162
Shabino, Patrick J.	105	Shinn, Elizabeth	172	Singla, Neil	107
Shabsigh, Ahmad	132, 151	Shinoda, Masahiro	166	Singla, Smit	111
Shackelford, Stacy A.	108	Shinohara, Hisashi	145	Singla, Varun	168
Shackford, Steven R.	60	Shiomi, Akio.	161	Singletary, Brandon A.	130
Shaffiey, Shahab A.	119	Shiozaki, Atsushi.	158, 164, 176	Sion, Melanie K.	117, 175
Shah, Adil A.	137, 139	Shiozawa, Manabu	161	Siow, Yong	125
Shah, Janek N.	46	Shipper, Edward S.	90	Siperstein, Allan	106, 115, 162
Shah, Nimesh N.	157	Shirai, Yoshihiro	117	Sippel, Rebecca S.	106, 127, 172
Shah, Nishit	161	Shlomovitz, Eran	148	Sippey, Megan	164
Shah, Paresh C.	147	Shnorhavorian, Margaret	97	Siqueira, de Paiva, Rubens K.	145
Shah, Parth K.	156	Shore, Andrew D.	138	Sise, Michael J.	57, 58, 93
Shah, Rahul K.	58	Shores, Jaimie T.	179	Sisley, Amy C.	47
Shah, Samir R.	154	Shorter, Jade M.	112	Sjoholm, Lars O.	159
Shah, Shimul A.	83, 115, 116, 139	Shrestha, Ritesh	175	Skitzki, Joseph J.	111
Shah, Shinil K.	117	Shrestha, Sunil.	175	Skoczylas, Tomasz	111
Shaha, Ashok R.	67, 100	Shrewsbury, Adam B.	179	Skoracki, Roman J.	168
Shaheen, Abdel Aziz	126	Shridhar, Ravi	112	Skrøvseth, Olav	172
Shaikh, Mohammed	162	Shubert, Christopher R.	133, 139	Slappy, Ashley L.	91
Shaikh, Inam A.	123	Shukla, Ankur J.	122, 140		
Shaikh, Mohammad F.	143	Shukla, Hari S.	121		

Slaughter, Dekeya R.	178	Spampastti, Sebastiano	146	Stieg, Philip E.	129
Slay, Heather	108	Spaniolas, Konstantinos.	105, 159, 163	Stienstra, Arlene	109
Slogoff, Michele I.	162	Spann, Matthew D.	156, 157	Stiles, Brendon M.	123, 136
Smaldone, Marc C.	132	Speck, Karen E.	155	Stinnett, Sandra	130
Smerieri, Nazareno	154	Spector, Jason A.	122, 128, 129	Stitzenberg, Karyn B.	120, 139
Smiley, Whitney	163	Speer, Allison L.	128	Stocchi, Luca	161, 162
Smink, Douglas S.	62, 84	Speicher, Paul J.	112, 164	Stojadinovic, Alexander	111
Smith, Alexis D.	115	Speir, Alan M.	123	Stölting, Miriam	166
Smith, Angela B.	121, 132	Spencer, Philip J.	146	Stone, Melvin E.	173
Smith, Ann D.	110, 122, 128	Spiegel, Sarah	161	Stoner, Michael C.	110
Smith, Brian R.	148, 173	Spratt, Heidi.	127	Storb, Rainer	125
Smith, Daniel J.	163	Spurrier, Ryan G.	114, 128	Stowell, Caleb	102
Smith, Ethan	169	Squires, Malcolm H. III	120, 166	Stowell, Christopher P.	158
Smith, Helen	111	Sreeramoju, Prashanth V.	113	Strasberg, Steven M.	36, 68, 152
Smith, J. Joshua.	130	Srikumar, Thejal	167	Strassburg, Joachim	108
Smith, Kira	80	Srinivasan, Ashok	134	Strate, Lisa L.	130
Smith, Lee P.	151	Srinivasan, Jahnvi K.	175	Straughan, David.	105
Smith, Lynette M.	119	St. Peter, Shawn D.	131, 155	Streck, Christian J.	96
Smith, Maureen A.	137	Stacey, Dawn	162	Streeper, Necole M.	121, 122
Smith, Paul D.	176	Staff, Ilene	110, 165	Streitz, John M., Jr.	167
Smith, Philip B.	124	Staffa, Ricardo	153	Strong, Scott A.	76
Smith, Roger	174	Stagg, Hayden W.	124	Strong, Vivian E.	53, 73, 145
Smith, Russell B.	51, 103	Stahl, Richard D.	159	Strumwasser, Aaron	178
Smith, Zachary L.	151	Stahlfeld, Kurt R.	113	Stucchi, Arthur	115
Smyrniotis, Vasileios	127	Stain, Steven C.	42, 104	Stucky, Chee-Chee.	171
Smythe, William R.	136	Staley, Charles A.	166	Sturgeon, Cord	73
Sninsky, Brian C.	121	Stamos, Michael J.	51, 67, 141, 160, 162, 171, 173	Sturgis, Erich M.	75
Snyder, Howard M. III	36, 43	Standage, Blayne A.	82	Suami, Hiroo	121
Snyder, Karen E.	142	Stanek, Albert	133	Suber, Jessica	176
Snyder, Michael P.	125	Stanek, Stephen M.	165	Subhas, Gokulakrishna.	149
Snyderman Carl H.	49, 129	Stanley, J. Daniel	54	Sucullu, Ilker	161, 176
Sodhi, Chhinder	119	Stansfield, William E.	136	Suda, Koichi.	165
Sofferhan, Robert A.	51, 103	Starke, Marlene	166	Sugawara, Yasuhiko	127
Sofocleous, Constantinos	167	Starnes, Sandra L.	81	Sugimachi, Keishi	95
Soi, Sameer	106	Starr, Frederic	178	Sugimoto, Jeffrey.	136
Sola, Juan E.	155, 169	Starr, Nicole	141	Sugiyama, Gainosuke	133, 173
Solorzano, Carmen C.	66	Staudacher, Carlo	150, 153, 154	Sukato, Daniel	166
Soltesz, Edward G.	123, 136	Staudenmayer, Kristen L.	137, 107, 178	Sukharamwala, Prashant B.	167
Somers, Kimberly K.	131	Stauffer, John A.	147, 149, 150, 162, 166	Sukhotnik, Igor	169
Somerset, Amy	113	Steele, Glenn D., Jr.	72	Suliburk, James W.	115, 116, 139
Sommovilla, Joshua	91	Steele, Scott R.	50, 57, 61, 63, 87, 111, 130, 163	Sulkowski, Jason P.	112
Son, Julie Y.	175	Steenburg, Scott D.	113	Sullivan, Jacquelyn M.	130
Sond, Jaswinder	164	Stein, David E.	107	Sullivan, John M.	82
Sondak, Vernon K.	175	Stein, Deborah M.	63	Suman, Paritosh	90
Sonderman, Philip E.	172	Stein, Sharon L.	49, 50, 51, 150, 161	Sun, Zhuo	159
Song, Dongyan.	133	Stein, Steven E.	77	Sunagawa, Hiroki.	153
Sonkar, Abhinav A.	161, 175	Steinberg, Seth M.	167	Sundaram, Abhishek	136, 147
Sonnenday, Christopher J.	83	Steinemann, Susan	79	Sunwoo, James S.	151
Sonoda, Toyooki	49, 144	Steinhagen, Randolph M.	76	Surjan, Rodrigo C.	145, 150, 156
Sonpal, Niket	147	Steliga, Matthew A.	135	Sussman, Andrew L.	173
Sood, Rajiv	111	Stephen, Andrew H.	134	Sussman, Jeffrey	172
Sood, Ravi	133	Stephens, Daniel	145	Sussman, Marc S.	160
Soot, Laurel C.	2, 52, 84, 100	Steward, Ronald M.	154	Sutherland, Michael J.	37
Soper, Nathaniel J.	68, 72	Stewart, Amilu.	41	Suto, Takayuki.	159
Sordella, Raffaella	123, 136	Stewart, Dylan	131	Sutter, Alton.	177
Sorensen, Mathew.	174	Stewart, Jerry	131	Sutton, Jeffrey M.	172
Sorosky, Joel I.	113	Stewart, John H.	107	Suzuki, Ysuyuki	167
Sosa, Julie A.	77, 100, 127, 165	Stewart, Ronald M.	44	Svoboda, Shane.	148
Sosin, Michael	158, 170, 172			Swadron, Stuart P.	119, 141
Southworth, Erica.	169			Swain, James M.	84
Soyama, Akihiko	109, 159, 166			Swan, Ryan Z.	146, 166
Soybel, David I.	116, 118, 124, 125			Swanson, Scott J.	38
Spadaro, Anthony V.	128			Swanstrom, Lee L.	47, 91, 146
Spain, David A.	2, 107, 178			Swaroop, Mamta	52, 117

Swartz, Brandon R. 141
 Swartz, Daniel E. 147, 150
 Swearingen, Bruce J. 125
 Sweeney, John F. 108, 166
 Sweeney, Timothy E. 133, 178
 Sylla, Patricia. 144
 Szawlowski, Andrzej. 111
 Sztetter, Eugenia. 140
 Szomstein, Samuel . . . 75, 140, 148,
 150, 151, 157
 Szyldo-Shein, Gabriel 171
 Szyndkaruk, Mark 170

T

Tabah, Roger J. 159
 Taber, Angela M. 123
 Taber, David J. 177
 Tabiri, Stephen 95
 Tackett, Alan 121
 Tackett, John J. 165
 Tada, Mitsunori. 165
 Tada, Seiichiro. 166
 Tadaki, Carl 149
 Tadisina, Kashyap K. 175
 Tadros, Rami O. 152
 Taghavi, Sharven 159, 177
 Taheri, Hamed 179
 Taheri, Paul A. 71, 72
 Tahilramani, Reena N. 162
 Tajima, Hidehiro 177
 Takabe, Kazuaki 120, 161
 Takatsuki, Mitsuhisa. . . . 109, 159,
 165, 166
 Takayama, Toshio. 110
 Takeo, Nomi. 153
 Takeshita, Hiroki. 164
 Taketo, Makoto M. 176
 Takeuchi, Kenji K. 162
 Taladriz, Cristian. 155
 Talamini, Mark A. 86, 111, 126,
 147, 150, 164,
 Talamonti, Mark S. 156, 163
 Talati, Chetasi 111
 Talavera, Pablo 157
 Talhao, Jose 167
 Tan, Bien Kiem 170
 Tan, Chai K. 170
 Tanabe, Kenneth K. . . . 76, 132, 158
 Tanaka, Akira. 161
 Tanaka, Eiji. 144
 Tanaka, Hiroaki 176
 Tanaka, Keira. 166
 Tandon, Manish. 165
 Tang, Amy H. 117
 Tang, Andrew L. 126, 129, 131,
 135, 137, 178
 Tang, Gale L. 140
 Taniguchi, Hiroki. 176
 Tanoglu, Alpaslan 161
 Tapaloglu, Ahmet 151
 Tapia, Nicole M. 115
 Tapias, Leonidas 123
 Targarona, Eduardo M. . . 149, 171
 Tarasconi, Antonio 154

Targa, Simone 110
 Tarpley, John L. 51, 52
 Tarpley, Margaret 109
 Tasciotti, Ennio 141
 Tashiro, Jun 155, 169, 170
 Taskin, Halit E. 143
 Tatsch, Klaus 165
 Tatsuda, Kumiko 175
 Taub, Bonnie 175
 Tavakkoli, Ali 115, 116
 Tawa, Nicholas Edward 78
 Taylor, Beth E. 110
 Taylor, Dallas A. 172
 Taylor, Jessica 148
 Taylor, Jonathan H. 132
 Taylor, Kay 77
 Taylor, Spence M. 59
 Teitelbaum, Daniel H. 155
 Teixeira, Andre F. . . . 148, 157, 159
 Teixeira, Julio A. 150
 Teixeira, Pedro G. 119
 Telem, Dana A. 78, 111, 150,
 164
 Tellus, Stefan G. 128
 Teoh, Jeremy 177
 Teperman, Sheldon H. 173
 Terracina, Krista P. 120
 Terris, David J. 151
 Tesic, Goran. 90
 Testori, Alessandro. 176
 Tevis, Sarah 111
 Tevlin, Ruth 125, 138
 Tewari, Mallika 95, 121
 Thacker, Julie K. Marosky . . . 61,
 106, 130
 Thaller, Seth R. 170
 Than, Peter 128, 138
 Tharakan, Binu 124
 Tharappel, Job 113
 Thayer, Sarah P. 80
 Then, Chin Y. 153
 Thenappan, Arunachalam . . . 169
 Theodore, Pierre R. 50, 141
 Thirlby, Richard C. 130, 163
 Thirunavukarasu,
 Pragatheeshwar 111, 174
 Thirunavukkarasu, Mahesh. . . 123,
 140
 Tholpady, Sunil 111
 Thomas, Alyssa R. 116
 Thomas, Bryan 148
 Thomas, Debi 115, 131
 Thomas, Eric J. 135, 142
 Thomas, John P. 165
 Thomas, Lisa 123
 Thomas, Peter 175
 Thomas, Raju. 151
 Thompson, Geoffrey B. . . . 66, 100
 Thompson, Jon S. 119
 Thompson, Zach 175
 Thomsen, Kristine M. . . . 133, 139
 Thomson, J. Grant 175
 Thoreson, Amy J. 63
 Thorns, Christoph 163

Thourani, Vinod H. . . . 38, 112, 160
 Thuita, Lucy. 123
 Thulkar, Sanjay 110
 Thumma, Jyothi R. 116
 Tiao, Gregory M. 118
 Tichansky, David S. 78
 Tillman, Bryan W. 139
 Tillou, Areti 119, 134
 Timaran, Carlos H. 152
 Timaran, David E. 152
 Timmerman, Gary L. 41
 Timmons, Shelly D. 43, 96
 Timratana, Poochong 150
 Ting, David T. 158
 Ting, Kang 107
 Tinoco, Augusto C. 153
 Tisherman, Samuel A. . . . 95, 102
 Tjaden, Bruce L. 90
 Tjoe, Judy A. 172
 Tjoumakaris, Stavropoula . . . 168
 Todd, S. Rob 37, 66, 178
 Toevs, Christine C. 135
 Togbe, Bennet K. 145
 Tohme, Samer 166
 Tokar, Baran. 151
 Toledo-Katsenes, Yvette 171
 Tomaszewski, Jeffrey J. 132
 Tomishige, Hirokazu. 156
 Tomizawa, Yasuko. 165
 Tomkoetter, Lena 165
 Tomlinson, James S. 132, 133
 Tompkins, Ronald G. 133
 Tomsejova, Adela 141
 Tong, Dedi 163
 Tong, Winnie 170
 Tong, Yixin. 177
 Toomey, Paul 167
 Topal, Baki 107
 Topham, Neal 138
 Toque, Laurence L. T. 141
 Torlaschi, Carlos R. 174
 Torosian, Justin C. 109
 Torquati, Alfonso 72
 Torres, Antonio J. 105, 153, 157
 Torres, Keila E. 127
 Torres-Villalobos, Gonzalo. . . 159
 Torrisi, Jeremy S. 111, 138, 170
 Toste, Paul A. 127
 Toth, Dezso 95
 Toumpoulis, Ioannis K. . . . 95, 123
 Toussaint, Sterman. 95
 Toyama, Yoichi 166
 Toyokawa, Takahiro 176
 Tracci, Margaret C. 139
 Trainer, Peter J. 109
 Tralhao, Jose 166
 Tran, Danielle 174
 Tran, Thuy B. 141
 Tranbaugh, Robert F. 160
 Trapani, Rosana 135
 Trappey, Alfred F. 107, 175
 Trehan, Abhishek 171
 Tresierra, Luis. 144
 Trevino, Jose G. 176

Trias, Manel. 149, 171
 Triolo, Fabio 119
 Troppmann, Kathrin M. 141
 Trottier, Vincent 173
 Truong, Huong 140
 Truong, Mireille 174
 Truong, Tuan A. 144
 Trus, Thadeus L. 46, 47, 105
 Tsai, Ben M. 154
 Tsai, Peter I. 144
 Tsangaris, Theodore. 107
 Tsao, KuoJen 135, 141
 Tseng, Elaine G. 123
 Tsolaki, Elpiniki 110
 Tsuboi, Kazuto 113
 Tsuda, Akira. 123, 136, 140
 Tsung, Allan. 128, 135, 166
 Tsunoda, Akira 161
 Tsunoda, Shigeru 144
 Tufano, Ralph P. 152
 Tuffaha, Sami H. 138, 179
 Tugnoli, Gregorio G. 154, 155
 Tulachan, Sidhartha 133
 Tullius, Stefan G. 128
 Tuluca, Alexandra. 144
 Tummel, Evan 138
 Turaga, Kiran K. 57
 Turnage, Richard H. 60, 121
 Turner, Douglas J. 115
 Turner, T. Robert. 2
 Turney, Benjamin W. 95
 Turrentine, Beth 60
 Tuttle, Todd M. 144
 Tuttle-Newhall, Janet E. 109
 Twerdahl, Eric 122, 140
 Tyler, Douglas S. 164
 Tyrie, Leslie S. 137
 Tyson, Anna F. 117
 Tzeng, Ching-Wei D. 171
 Tzeng, Edith. 102, 122, 140

U

Uceda, Pablo V. 179
 Udaawa, Harushi H. 145
 Udelmsan, Robert 65
 Uehara, Hirofumi. 128
 Ueno, Masaki 145
 Ujiki, Michael B. 163, 165
 Umemura, Akira 159
 Unzeitig, Gary W. 79
 Upadhya, Gundumi A. 109
 Upchurch, Gilbert, R. 83
 Urban, Zena 117
 Urbanchek, Melanie G. 138, 171
 Ushiku, Hideki 121, 175
 Utsunomiya, Tohru 176
 Uwagawa, Tadashi 117
 Uyama, Ichiro 165
 Uzzo, Robert G. 132

V

Vagefi, M. Reza. 77
 Vagefi, Parsia A. 146
 Vaillancourt, Julie 164

Valderrabano Gonzalez, Santiago 144
 Valenti, David. 113
 Valentine, R. James 60
 Valerian, David T. 161
 Valerio, Ian L. 170
 Vallabhanen, Raghavveer. 101
 van der Elst, Maarten 134
 van der Harst, Erwin. 134
 van der Laan, Lijckle. 134
 Van Eps, Jeffrey L. 141
 Van Essendelft, Seth 139
 Van Osdol, Andrew D. 90
 Van Sickle, Kent R. 120
 Vargas Salgueiro, Ayermin H. 154
 Varghese, Thomas K., Jr. 67, 86, 104, 115, 142
 Vargo, Daniel J. 120
 Varley, Patrick 135
 Varma, Madhulika G. 64, 161
 Vasan, Robin 149
 Vasilas, Penny 179
 Vassaur, Hannah 106, 107
 Vassaur, John. 107
 Vassiliou, Melina C. 47, 97, 120
 Vasudevan, Sanjeev A. 112
 Vavra, Jessica 173
 Vaz Guimaraes Filho, Francisco 129
 Veeraswamy, Ravi 140
 Vela, Itzel 145
 Velanovich, Vic 47
 Velasco, Enrique 144
 Velasco, Omar 107
 Velez, Danielle 122
 Velez, Francisco V. 163
 Velez, Waika 179
 Vellody, Ranjith 48
 Velmahos, George C. 88, 126
 Venara, Aurélia 141
 Venardos, Neil M. 123
 Venkat, Raghunadan 113, 160, 166
 Venkatesan, Aradhana M. 167
 Vercruysse, Gary A. 129, 131, 178
 Vernaza, Cristina. 178
 Verrecchia, Francesco 176
 Verri, Marco. 110
 Vibhakar, Dev 138
 Vicente, Emilio 147, 156
 Vickers, Selwyn M. 96
 Victorino, Gregory P. 116
 Vigneswaran, Yalini. 163
 Vijay, Adarsh 169, 178
 Villa, Mark T. 170
 Villani, Silvia 154
 Villegas, Eduardo 163
 Villena-Vargas, Jonathan 116
 Vine, Anthony J. 150
 Virgo, Katherine S. 168, 175
 Visser, Brendan C. 69
 Vitale, Gary C. 82
 Voeller, Guy R. 71
 Voelzke, Bryan B. 85, 121
 Vogel, Jon D. 126

Vogt, Kelly N. 119, 141, 154
 Vojnits, Kinga. 119
 Volckmann, Eric T. 159
 Vollmer, Charles M., Jr. 106
 Volta, Carlo A. 110
 von Allmen, Daniel 92
 Von Renteln, Daniel. 47
 Vose, Alicia K. 160
 Vrecenak, Jesse D. 117
 Vreeland, Timothy J. 107, 175
 Vrees, Matthew 161
 Vukina, Josip 121, 132, 151
 Vyas, Dinesh 177

W

Wade, Charles E. 133
 Wagner, Doris 137
 Wagner, Mathias 137
 Wagner, Willi L. 123, 136, 140
 Wagner, William R. 140
 Waheed, Amina 160
 Wahlgren, Carl. 95
 Wai, Becky 165
 Wainberg, Zev 111
 Wakabayashi, Go. 156, 159
 Wakai, Toshifumi. 120, 161, 175
 Wakeam, Elliot. 115, 142
 Wakiyama, Shigeki 166
 Waldron, Ronan 163
 Walker, Peter A. 117
 Wall, Jarrod C. H. 135
 Wall, Matthew J. 144
 Wall, Stephen P. 178
 Wallen, Eric 121, 132
 Wallen, Jason M. 56
 Wallner, Grzegorz 111
 Walmsley, Graham G. 116, 117, 125, 138
 Walters, Amanda L. 110
 Walz, Martin K. 89
 Wan, Derrick C. 125
 Wan, Eric L. 117
 Wang, Bo 165
 Wang, Bowen 110
 Wang, Chi E. 120
 Wang, Chunyou 111, 165
 Wang, Cun 176
 Wang, Eric W. 129
 Wang, Grace J. 153
 Wang, Haohua 140
 Wang, Jian-Ying 115
 Wang, Jin 131
 Wang, Jiping. 69, 158
 Wang, John C. 173
 Wang, Kasper S. 118, 119
 Wang, Ke. 133
 Wang, Larry 115
 Wang, Lily. 164
 Wang, Ping 124
 Wang, Robert C. 169
 Wang, Shanpei. 140
 Wang, Steven J. 151
 Wang, Tracy S. 65, 77
 Wang, Xiaofu 124

Wang, Xinlong	141	Weng, Christina	171	Wise, Paul E.	87, 134
Ward, Alexander	106	Wennergren, John E.	164	Wiseman, Jason T.	141
Ward, Ceressa T.	110	Werkgartner, Georg.	137	Witalka, Timothy J.	162
Ward, Nicholas D.	144	Werner, Sabine.	128	Witham, Timothy F.	129
Warram, Jason M.	121, 140	Wesner, Virginia S.	108, 174	Wojtkiewicz, Gregory R.	110
Warren, Hannah.	178	Wessells, Hunter B.	66, 122	Wolf, Ronald F.	106
Warren, Marie E.	121	Wesson, Russell.	167	Wolf, Steven E.	63, 87, 129
Warshaw, Andrew L.	36, 37, 43, 149	West, Kevin	130	Wolfe, Luke G.	179
Washington, Christopher B.	122, 140	Westlin, William F.	132	Wolfe, Venita K.	137
Wasielewsky, Gustavo	174	Westney, Ouida L.	179	Wolfgang, Christopher L.	167
Wasif, Nabil	173	Wetzel, Michael	124	Wolinsky, Jean-Paul.	129
Watanabe, Goro.	107	Wexner, Steven D.	50, 51, 65, 68, 161, 174	Woll, Nicole	107
Watanabe, Makoto	167	Wexner, Trevor	173	Wong, Alex.	145, 154
Watanabe, Masahiko.	121, 175	Weyant, Michael J.	123	Wong, Evan G.	117, 175
Watanabe, Yusuke.	173	Wheless, Caleb J.	107	Wong, Hector R.	134
Waters, Alicia M.	131	Whelan, James F.	47	Wong, Joyce.	112
Waters, Peadar S.	163	Whelan, Maria	119	Wong, Ken	156
Watkins, Michael T.	110	Whelan, Richard L.	49	Wong, Sandra L.	42, 91, 126, 142
Watridge, Clarence B.	71	White, Christopher.	118	Woo, Edward Y.	101
Watson, Andrew R.	49	White, Dalila	122	Woo, Karen.	85
Watters, Jennifer M.	98, 120	White, Lee W.	108, 174	Woo, Shoshana	171
Wayne, Erik	122	Whitlow, Charles B.	49, 64	Woo, Yanghee	156
Wayne, Jeffrey D.	126	Whitman, Glenn J.	160	Wood, Christopher G.	121
Wearda, Taylor	125, 138	Whitmore, Arnetha J.	116, 125, 138	Wood, Douglas E.	142
Weaver, Amy L.	113, 168, 176	Whittam, Alexander J.	116, 125	Wood, John	124
Weaver, Marvin V.	152	Whittemore, Anthony D.	104	Wood, Thomas W.	167
Webb, Susan M.	106	Whittington, Jennifer	113	Woodruff, Stacey L.	141
Webb, Travis P.	57, 58	Whitworth, Pat W.	65, 84	Woods, Michael E.	121, 132, 151
Weber, Joseph J.	90	Wick, Elizabeth C.	41, 59, 126, 139	Woody, Meghan.	106
Weber, Sara A.	172	Wiegmann, Douglas	108	Wormer, Blair A.	110
Webster, Ashley L.	130	Wiener, Gregory	134	Worrell, Stephanie G.	144
Webster, Emily.	142	Wiersch, John C.	133	Worth, Jennifer M.	123
Wee, Jon O.	136	Wiese, David	162	Worth, Laura L.	117
Weed, Harrison G.	58	Wiesenfeld, Rebecca.	177	Worthington, Andrea	123
Weerasinghe, Dilendra H.	157	Wiessner, Polly	118	Worthington, Joshua A.	90
Weese, James L.	172	Wiggins-Dohlvik, Katie C.	124	Wray, Curtis J.	127
Wei, Lan	132	Wigle, Dennis A.	53	Wren, Sherry M.	59, 117
Wei, Martin R.	165	Wijnhoven, Bas P.	134	Wright, Andrew S.	108, 142
Wein, Alan J.	132	Wiley, Dorion.	178	Wright, Robert C.	139
Weinberg, Ido.	126	Wilke, Lee G.	59, 69, 67	Wu, Carol C.	112
Weiner, Bradley K.	141	Willey, Shawna C.	84	Wu, Daniel Z.	175
Weinstein, Michael S.	38, 73, 79, 137	Williams, Betsy	172	Wu, Haobo	168
Weinsten, Lee S.	105	Williams, Brandon.	78, 156, 157	Wu, James K.	160
Weintraub, Sharon	172	Williams, Derek E.	144	Wu, Jen-Chieh	125
Weir, Robb M.	129	Williams, Michael	148, 172	Wu, Jian	132
Weir, William B.	136	Williams, Regan F.	131	Wu, June K.	131
Weiser, Martin R.	54, 104	Willis, Alliric I.	177	Wu, Kyle.	141
Weiss, Anna C.	80, 90	Willis, Monte S.	136	Wu, Liza C.	171
Weiss, Barry D.	109	Willis, Ross E.	120	Wu, Nanping	127
Weiss, Eric A.	161	Wilson, Chad	178	Wu, Robert.	162
Weiss, Matthew J.	167	Wilson, Erik B.	101	Wu, Wen	167
Weiss, Robert	122	Wilson, Gregory C.	116, 132, 172	Wyrick, Deidre L.	90, 178
Weissler, Mark C.	44, 135	Wilson, Samuel E.	126		
Weissman, Irving L.	125	Wima, Koffi.	116		
Weissman, Joel	115	Winchell, Robert J.	40		
Welch, William C.	129	Winchester, David J.	79, 100, 120		
Wellner, Ulrich F.	163	Winchester, David P.	126, 139		
Wells, Katie M.	118	Winchester, Paul D.	131		
Wells, Tina	164	Winfield, Robert D.	35, 42, 74		
Welsh, Robert J.	113	Winkler, Eric.	118		
Welton, Mark L.	63, 75	Winograd, Jon	171		
		Winter, Kathryn.	130		

X

Xega, Kristina	158
Xi, Sichuan	159, 160
Xiao, Xiangwei.	133
Xiao, Zhenyu	109
Xie, Li	117
Xiong, Wanfen	123
Xu, Dan.	176
Xu, Hao.	149
Xu, Jia.	122
Xu, Jun	122

Xu, Junwang. 113, 169
 Xu, Michelle. 133
 Xu, Xian Yao. 136
 Xu, Xiao-Wu. 156
 Xu, Yunyun. 153
 Xu, Zekuan. 149
 Xue, Fei. 140
 Xue, Hasen. 119

Y

Yaffe, Hillary C. 113
 Yagi, Hiroshi. 166
 Yagi, Shintaro. 167
 Yalom, Anisa. 112
 Yamada, Akimitsu. 120, 161
 Yamaguchi, Tomohiro. 108
 Yamaguchi, Yukihiro. 119
 Yamamoto, Manabu. 153
 Yamamoto, Masaki. 159, 168
 Yamamoto, Masato. 117
 Yamamoto, Naoki. 167
 Yamamoto, Se Ryung. 113
 Yamamoto, Takamasa. 176
 Yamamoto, Takehito. 167
 Yamanaka, Takeharu. 108, 167
 Yamashita, Keishi. 121, 175
 Yamaue, Hiroki. 161
 Yamout, Sani Z. 50
 Yan, Shigui. 168
 Yan, Shirley. 141
 Yan, Xiaopeng. 140
 Yanaga, Katsuhiko. 113, 117, 166
 Yanagawa, Jane. 136
 Yang, Bin. 129
 Yang, Chong. 165
 Yang, Cuibo. 125
 Yang, Jie. 111
 Yang, Jingyan. 110
 Yang, Rachel. 120
 Yang, Stephen. 160
 Yang, Stephen C. 92
 Yang, Wayne. 113
 Yang, Weng-Lang. 124
 Yang, Zhe. 132
 Yano, Fumiaki. 113
 Yao, Siyuan. 167
 Yashiro, Masakazu. 176
 Ye, Sang-Ho. 140
 Yealy, Donald M. 142
 Yeh, Daniel D. 126
 Yeh, Heidi. 128
 Yen, Thomas. 108
 Yen, Tina W. F. 52, 53
 Yeo, Charles J. 152
 Yeo, Heather L. 108
 Yeung, Louise Y. 146
 Yi, Jeniann. 127
 Yi, Miao. 106
 Yiengpruksawan, Anusak. 152
 Yin, Ming. 132
 Ying, Jian. 138
 Ying, Jun. 131
 Ying, Tiffany K. 130
 Ying, Zhimin. 168

Yoe, Linus M. 147
 Yokota, Shinchiro. 128
 Yoo, James. 117, 128
 Yoon, Charles H. 127
 Yoon, Dustin Y. 153
 Yopp, Adam C. 121
 Yoshida, Kazuhiko. 169
 Yoshimoto, Yasunori. 161, 166
 You, Chaochen. 121
 Younan, George J. 90, 125
 Young, David M. 85
 Young, Jason B. 109
 Young, Jeremy C. 124
 Young, John S. 124, 134
 Young, Monica T. 105, 145, 171
 Young, Natalie G. 174
 Young, Pang Y. 124
 Young, Whitney A. 124, 134
 Young-Fadok, Tonia M. 2, 66, 97, 150
 Youngson, George G. 62
 Youssef, Yassar K. 148
 Ysasi, Alexandra B. 123, 136, 140
 Yu, Daohai. 134
 Yu, Fang. 123
 Yu, Peirong. 69
 Yu, Qingzhao. 135
 Yu, Yong-Yang. 176
 Yucel, Ergun. 176
 Yule, Steven J. 62, 84

Z

Zadikany, Ronit H. 176
 Zafar, Syed Nabeel. 137, 139
 Zager, Jonathan S. 175
 Zaghiyan, Karne. 138
 Zaidi, Ali H. 160
 Zajko, Albert. 166
 Zambirinis, Constantinos P. 165
 Zambon, Joao. 128
 Zangbar, Bardiya. 126, 131, 135, 137, 172
 Zanusso, Ilenia. 110
 Zapor, Jeffrey. 177
 Zarkowsky, Devin S. 139
 Zarnegar, Rasa. 53
 Zarour, A. 169
 Zarour, Ahmad. 178
 Zarour, Ahmad M. 154
 Zeber, John. 136
 Zebley, D. Mark. 49
 Zeh, Herbert III. 147
 Zeh, Herbert J. 53
 Zeliadt, Steven. 136
 Zeng, Shan. 116, 127, 132
 Zenilman, Michael E. 42, 108, 137
 Zeri, Richard S. 139
 Zettel, Kent R. 122
 Zgheib, Carlos. 113, 169
 Zhang, Fangming. 124
 Zhang, Haixia. 136
 Zhang, Hong. 168
 Zhang, Li. 128
 Zhang, Linda P. 115

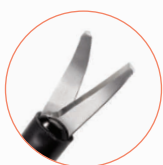
Zhang, Linlin. 116
 Zhang, Lisa. 120
 Zhang, Mary R. 159, 160
 Zhang, Paul. 120
 Zhang, Qiao. 111
 Zhang, Xinli. 107
 Zhang, Yushun. 165
 Zhao, Gang. 111
 Zhao, Philip. 122
 Zhao, Qianqian. 137
 Zhao, Yue. 167
 Zheleva, Vasilena. 117
 Zheng, Feibi. 90
 Zheng, Shusen. 132
 Zheng, Zhong. 107
 Zhi, Xiaofei. 149
 Zhou, Haiyu. 112
 Zhou, Jia. 124, 133
 Zhou, Wei. 83
 Zhou, Yucheng. 153
 Zielins, Elizabeth R. 125, 138
 Zierler, Robert E. 103
 Zihni, Ahmed M. 135, 137
 Zilberstein, Bruno. 153
 Zinn, Kurt R. 121
 Ziparo, Vincenzo. 108
 Zogg, Cheryl K. 160
 Zogopoulos, Georges. 113
 Zoppoli, Gabriele. 108
 Zorilla, Daryl Y. 163
 Zuckerbraun, Brian S. 115
 Zuk, Zenon. 119, 141
 Zureikat, Amer H. 147
 Zwischenberger, Brittany. 113
 Zwischenberger, Joseph B. 72

Notes

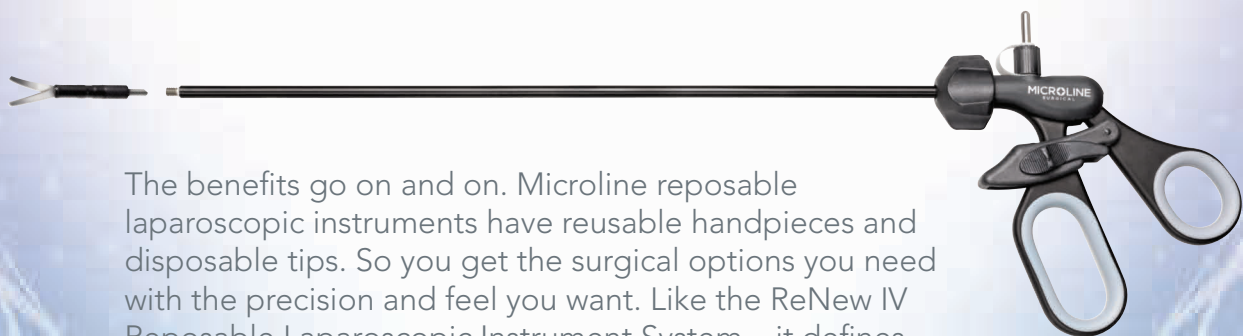
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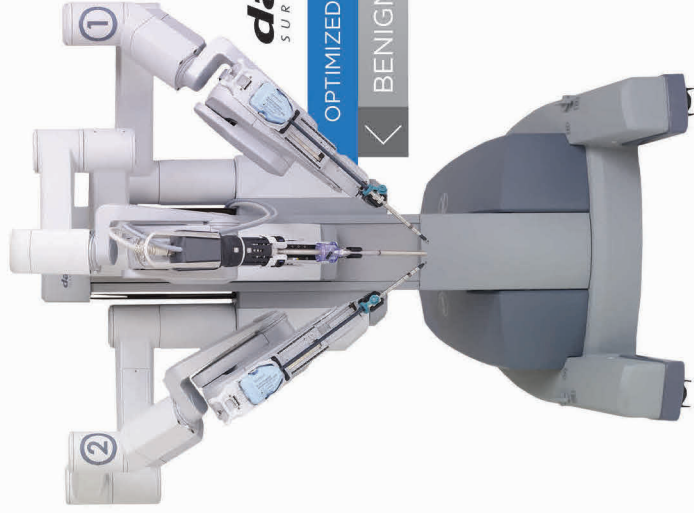
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